STR-DG800

SERVICE MANUAL

Ver. 1.1 2006. 05

US Model
Canadian Model
E Model

Photo: Silver type

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
(Models of area code US only)
With 8 ohm loads, both channels driven, from 20 – 20,000 Hz; rated 100 watts per channel minimum RMS power, with no more than 0.09 % total harmonic distortion from 250 milliwatts to rated output.

Amplifier section

Power Output
Models of area code US, CND
Stereo Power Output [1], Reference Power Output [1) 2)]
8 ohms 20 Hz – 20 kHz, THD 0.09 %
100 W + 100 W, 110 W/ch
8 ohms 1 kHz, THD 0.7 %
110 W + 110 W, 120 W/ch
8 ohms 1 kHz, THD 10 %
125 W + 125 W, 150 W/ch

Models of area code E2, TW
Stereo Power Output [1], Reference Power Output [1) 2)]
8 ohms 20 Hz – 20 kHz, THD 0.09 %
85 W + 85 W, 110 W/ch
8 ohms 1 kHz, THD 0.7 %
100 W + 100 W, 120 W/ch
8 ohms 1 kHz, THD 10 %
125 W + 125 W, 150 W/ch

Models of area code MY, SP
Stereo Power Output [1], Reference Power Output [1) 2)]
8 ohms 20 Hz – 20 kHz, THD 0.09 %
75 W + 75 W, 90 W/ch
8 ohms 1 kHz, THD 0.7 %
85 W + 85 W, 100 W/ch
8 ohms 1 kHz, THD 10 %
105 W + 105 W, 125 W/ch

1) Measured under the following conditions:

Area code	Power requirements
US, CND	120 V AC, 60 Hz
E2	240 V AC, 50 Hz
MY, SP	230 V AC, 50 Hz
TW	110 V AC, 60 Hz

2) Reference power output for front, center, surround and surround back. Depending on the sound field settings and the source, there may be no sound output.

Frequency response
Analog: 10 Hz – 70 kHz, +0.5/–2 dB (with sound field and equalizer bypassed)

– Continued on next page –

MULTI CHANNEL AV RECEIVER

9-887-172-02
2006E04-1
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Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY®

Inputs
- Analog: Sensitivity: 500 mV/ 50 kohms; S/N [3] : 96 dB (A, 500 mV [4])
- Digital (Coaxial): Impedance: 75 ohms; S/N: 100 dB (A, 20 kHz LPF)
- Digital (Optical): S/N: 100 dB (A, 20 kHz LPF)

Output (Analog)
- AUDIO OUT: Voltage: 500 mV/10 kohms
- SUB WOOFER: Voltage: 2 V/1 kohm

Equalizer
- Gain levels: ±10 dB, 1 dB step

3) INPUT SHORT (with sound field and equalizer bypassed).

4) Weighted network, input level.

FM tuner section

Tuning range	87.5 – 108.0 MHz
Intermediate frequency	10.7 MHz
Useable sensitivity	11.2 dBf, 1 µV/75 ohms
S/N	
Mono/Stereo:	76 dB/70 dB
Harmonic distortion at 1 kHz	
Mono/Stereo:	0.3%/0.5%
Separation	45 dB at 1 kHz
Frequency response	30 Hz – 15 kHz, +0.5/–2 dB

AM tuner section

Tuning range
- Models of area code US, CND
  - With 10-kHz tuning scale: 530 – 1,710 kHz [5]
  - With 9-kHz tuning scale: 531 – 1,710 kHz [5]
- Models of area code E2
  - With 10-kHz tuning scale: 530 – 1,610 kHz [5]
  - With 9-kHz tuning scale: 531 – 1,602 kHz [5]
- Models of area code MY, SP, TW
  - With 9-kHz tuning scale: 531 – 1,602 kHz [5]

Intermediate frequency	450 kHz
Usable sensitivity	50 dB/m (at 1,000 kHz or 999 kHz)

5) You can change the AM tuning scale to 9 kHz or 10 kHz. After tuning in any AM station, turn off the receiver. While holding down CATEGORY MODE (US, CND) or DIMMER (E2, MY, SP, TW), press I/⏻. All preset stations will be erased when you change the tuning scale. To reset the scale to 10 kHz (or 9 kHz), repeat the procedure.

Video section

Inputs/Outputs
- Video: 1 Vp-p, 75 ohms
- S-video: Y: 1 Vp-p, 75 ohms; C: 0.286 Vp-p, 75 ohms
- COMPONENT VIDEO: Y: 1 Vp-p, 75 ohms; P_B/C_B/B-Y: 0.7 Vp-p/ 75 ohms; P_R/C_R/R-Y: 0.7 Vp-p/ 75 ohms; 80 MHz HD Pass Through

General

Power requirements

Area code	Power requirements
US, CND	120 V AC, 60 Hz
E2	120/220/240 V AC, 50/60 Hz
MY, SP	230 – 240 V AC, 50/60 Hz
TW	110 V AC, 60 Hz

Power consumption

Area code	Power consumption
US	260 W
CND	360 VA
E2	280 W
MY, SP	230 W
TW	550 W

Power consumption (during standby mode): 0.2 W

AC outlets

Area code	AC outlets
US, CND	2 switched, 120 W/1A MAX
E2, MY, SP	1 switched, 100 W/0.4A MAX

Dimensions (w/h/d) (Approx.)	430 × 157.5 × 351.5 mm (16 7/8 × 6 2/8 × 13 7/8 inches) including projecting parts and controls
Mass (Approx.)	11.0 kg (24 lb 5 oz)

Supplied accessories
- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander RM-AAP008 (1) (US, CND)
- Remote commander RM-AAP009 (1) (E2, MY, SP, TW)
- R6 (size-AA) batteries (2)
- Optimizer microphone ECM-AC2 (1)

Design and specifications are subject to change without notice.

- Abbreviation
  - CND : Canadian model
  - E2 : 120 V AC area in E model
  - MY : Malaysia model
  - SP : Singapore model
  - TW : Taiwan model

SAFETY CHECK-OUT (US MODEL)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage.
Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers.). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

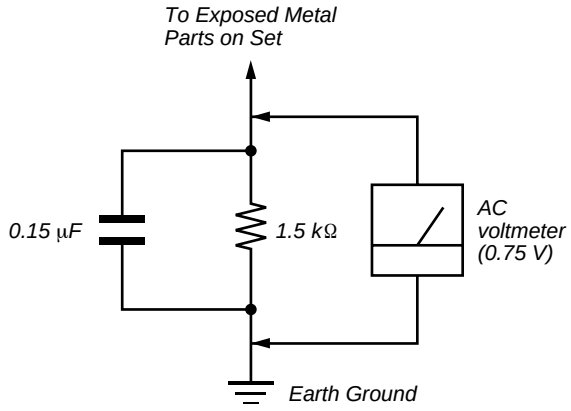
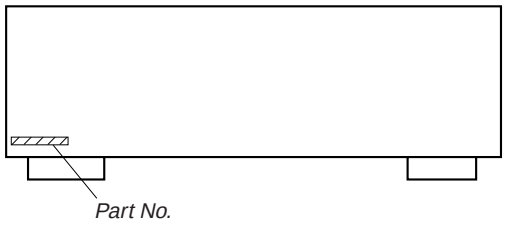


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION
— BACK PANEL —



MODEL	PART No.
US	2-666-932-0☐
CND	2-666-932-1☐
MY, SP	2-666-932-2☐
TW	2-666-932-3☐
E2	2-666-932-5☐

- Abbreviation
  CND : Canadian model
  E2 : 120 V AC area in E model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

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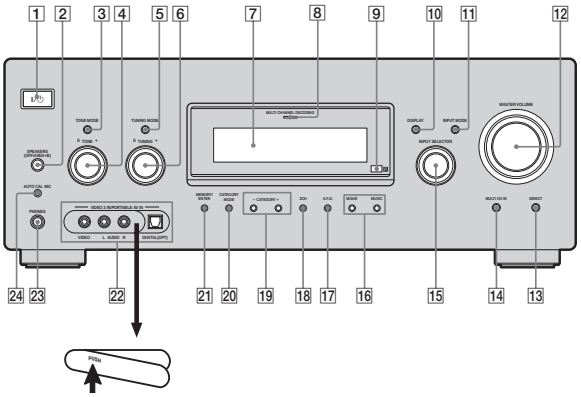
SECTION 1
GENERAL

This section is extracted from instruction manual.

US, CND model:

Description and location of parts

Front panel



To remove the cover
Press PUSH.
When you remove the cover, keep it out of reach from children.

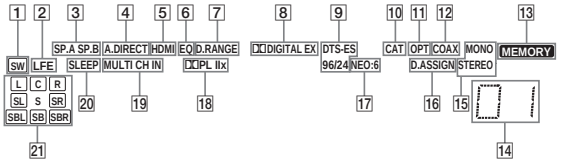
	Name	Function
1	I/⏻	Press to turn the receiver on or off (page 33, 42, 43, 67, 98).
2	SPEAKERS (OFF/A/B/A+B)	Press to select OFF, A, B, A+B of the front speakers (page 35).
3	TONE MODE	Press to select Equalizer mode (page 47).
4	TONE +/–	Turn to adjust the EQUALIZER menu parameters (page 47, 52).
5	TUNING MODE	Press to select the tuning mode (page 71, 98).
6	TUNING +/–	Turn to scan a station (page 68, 70).

continued

	Name	Function
7	Display	The current status of the selected component or a list of selectable items appears here (page 7).
8	MULTI CHANNEL DECODING lamp	Lights up when multi channel audio is decoded (page 43).
9	Remote sensor	Receives signals from remote commander.
10	DISPLAY	Press to select information displayed on the display (page 82).
11	INPUT MODE	Press to select the input mode when the same components are connected to both digital and analog jacks (page 78).
12	MASTER VOLUME	Turn to adjust the volume level of all speakers at the same time (page 39, 40, 42, 43).
13	DIRECT	Press to listen to high quality analog sound (page 66).
14	MULTI CH IN	Press to select the audio directly from the components connected to the MULTI CH IN jacks (page 40).
15	INPUT SELECTOR	Turn to select the input source to playback (page 40, 42, 43, 66, 68, 71, 78, 82, 83).
16	MOVIE, MUSIC	Press to select sound fields for movie or music (page 63).
17	A.F.D.	Press to select A.F.D. mode (page 61).
18	2CH	Press to select 2CH STEREO mode (page 66, 67).

	Name	Function
19	CATEGORY +/–	Press to select a category (page 75).
20	CATEGORY MODE	Press to select the category mode (page 74).
21	MEMORY/ ENTER	Press to store a station or enter the selection when selecting the settings (page 33).
22	VIDEO 3 IN/ PORTABLE AV IN jacks	To connect a camcorder or video game (page 29, 40).
23	PHONES jack	Connects to a headphone (page 94).
24	AUTO CAL MIC jack	Connects to the supplied ECM-AC2 optimizer microphone for the Auto Calibration function (page 35).

About the indicators on the display



Name	Function
1 SW	Lights up when sub woofer selection is set to "YES" (page 49) and the audio signal is output from the SUB WOOFER jack.
2 LFE	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 SP.A/SP.B	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if a headphone is connected.
4 A.DIRECT	Lights up when ANALOG DIRECT is selected (page 66).
5 HDMI	Flashes when you select "HDMI V. ASSIGN" in the Video menu (page 81).
6 EQ	Lights up when the equalizer is activated (page 47).
7 D.RANGE	Lights up when dynamic range compression is activated (page 47).

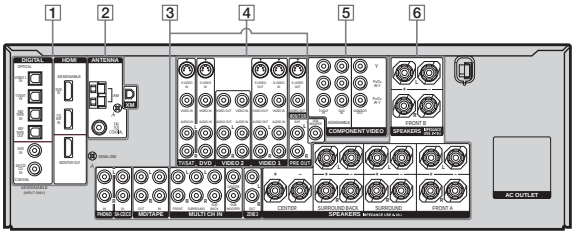
Name	Function
8 DIGITAL (EX)	Lights up when Dolby Digital signals are input. "DIGITAL EX" lights up when Dolby Digital Surround EX signals are decoded. **Note** When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG FIXED" (page 78).
9 DTS (-ES)/ (96/24)	Lights up when DTS signals are input. "DTS-ES" lights up when DTS-ES signals are input. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. **Note** When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG FIXED" (page 78).
10 CAT	Lights up when you select category mode to "ONE CAT". For details on presetting XM Radio station, see page 76.
11 OPT	Lights up when INPUT MODE is set to "AUTO 2CH" and the source signal is a digital signal being input through the OPTICAL jack, or when INPUT MODE is set to "OPT FIXED" (page 78).

continued

Name	Function
12 COAX	Lights up when INPUT MODE is set to "AUTO 2CH" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX FIXED" (page 78).
13 MEMORY	Lights up when a memory function, such as Preset Memory (page 70), etc., is activated.
14 Preset station indicators	Lights up when using the receiver to tune in radio stations you have preset. For details on presetting radio stations, see page 69.
15 Tuner indicators	Lights up when using the receiver to tune in radio stations (page 67), etc.
16 D.ASSIGN	Lights up when the digital assign function is used for selected input.
17 NEO:6	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 62).
18 PL (II)/(IIx)	Lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "PL II" lights up when the Pro Logic II Movie/Music/Game decoder is activated. "PL IIx" lights up when the Pro Logic IIx Movie/Music/Game decoder is activated. However, these indicators do not light up if both the center and surround speakers are set to "NO" (page 49) and you select a sound field using the A.F.D. button. **Note** Dolby Pro Logic IIx decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
19 MULTI CH IN	Lights up when MULTI CH IN is selected (page 40).
20 SLEEP	Lights up when the sleep timer is activated (page 83).

Name	Function
21 Playback channel indicators	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). **L** Front Left **R** Front Right **C** Center (monaural) **SL** Surround Left **SR** Surround Right **S** Surround (monaural or the surround components obtained by Pro Logic processing) **SBL** Surround back left **SBR** Surround back right **SB** Surround back (the surround back components obtained by 6.1 channel decoding) **Example:** Recording format (Front/ Surround): 3/2.1 Output channel: When surround speaker is set to "NO" (page 49) Sound Field: A.F.D. AUTO SW L C R SL SR

Rear panel



1 DIGITAL INPUT/OUTPUT section

	OPTICAL IN/OUT jack	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 26, 28).
	COAXIAL IN jack	
	HDMI IN/ MONITOR OUT jack	Connects to a DVD player, or a satellite tuner. The image and the sound are output to TV or a projector (page 30).

2 ANTENNA section

	FM ANTENNA	Connects to the FM wire antenna supplied with this receiver (page 32).
	AM ANTENNA	Connects to the AM loop antenna supplied with this receiver (page 32).
	XM	Connects to the XM connect-and-play antenna (not supplied with this receiver) (page 72).

3 AUDIO INPUT/OUTPUT section

White (L) / Red (R)	AUDIO IN/ OUT jack	Connects to an MD deck or CD player, etc. (page 21).
White (L) / Red (R) / Black	MULTI CHANNEL INPUT jack	Connects to a Super Audio CD player or DVD player which has an analog audio jack for 7.1 channel sound (page 20).
White (L) / Red (R)	PRE OUT jack	Connects to an external power amplifier.

4 VIDEO/AUDIO INPUT/OUTPUT section

White (L) / Red (R)	AUDIO IN/ OUT jack	Connects the video and audio jacks of a VCR or a DVD player (page 25, 26, 27, 28, 29).
Yellow	VIDEO IN/ OUT jack*	
	S-VIDEO IN/ OUT jack*	

continued

5 COMPONENT VIDEO INPUT/ OUTPUT section

Green / Blue / Red	COMPONENT VIDEO INPUT/ OUTPUT jack*	Connects to a DVD player, TV, or a satellite tuner. You can enjoy high quality image (page 25, 27, 28).

6 SPEAKER section

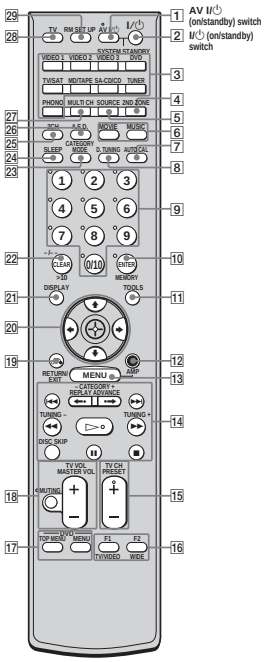
	Connects to speakers (page 16).
	Connects to sub woofer (page 16).

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV monitor (page 25).

Remote commander

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. You can also program the remote to control non-Sony audio/video components. For details, see “Programming the remote” (page 86).

RM-AAP008



Name	Function
1 **AV I/⏻**	Press to turn on or off the Sony audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV(27) and then press AV I/⏻. If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). **Note** The function of the AV I/⏻ switch changes automatically each time you press the input buttons (3).
2 **I/⏻**	Press to turn the receiver on or off. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).

Name	Function
3 **Input buttons**	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can program the remote to control non-Sony components by changing the code. For details see “Programming the remote” (page 86).

Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
VIDEO 3	VCR (VTR mode 1)
DVD	DVD player
TV/SAT	TV tuner
MD/TAPE	MD deck
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner
PHONO	Not assigned.

4 **2ND ZONE**	Press 2ND ZONE to light up the button to select the command mode of the remote.
5 **SOURCE**	Press to select the current input for the main receiver.
6 **MOVIE, MUSIC**	Press to select sound fields (MOVIE, MUSIC).
7 **AUTO CAL**	Press to activate the Auto Calibration function.
8 **D.TUNING**	Press to enter direct tuning mode.

Name	Function
9 **Numeric buttons (number 5[a])**	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player, LD player, DAT deck, tape deck or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. Press TV (28), and then press the numeric buttons to select the TV channels.
10 **ENTER**	Press to enter the value after selecting a channel, disc or track using the numeric buttons. To enter the value of Sony TV, press TV (28), and then press ENTER.
MEMORY	Press to store a station.
11 **TOOLS**	Press to display options applicable to the entire disc (e.g. disc protection), recorder (e.g. audio settings during recording), or multiple items on a list menu (e.g. erasing multiple titles). To display the options of Sony TV, press TV (28), and then press TOOLS.
12 **AMP**	Press AMP to light up the button, then press MENU (13) to display the menu of the receiver. Then, use the control buttons to perform menu operations.
13 **MENU**	Press to display the menus of the VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. on the TV screen. Then, use the control buttons to perform menu operations. To display the menus of Sony TV, press TV (28), and then press MENU.

Name	Function
14 **I◄◄/►►I**	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
REPLAY ←·/ ADVANCE ·→	Press to replay the previous scene or fast forward the current scene of the VCR, DVD player, DVD/VIDEO COMBO, or DVD/HDD COMBO.
CATEGORY +/–	Press to select XM Radio category you want.
◄◄/►►	Press to – search tracks in the forward/ backward direction of the DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. – fast forward/rewind of the VCR, CD player, MD deck, DAT deck or tape deck.
▷[a]	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
DISC SKIP	Press to skip disc of the CD player, VCD player, DVD player, MD deck or LD player (multi-disc changer only).
II	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. (Also starts recording with components in recording standby.)

Name	Function
14 ■	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
TUNING +/–	Press to scan a station.
15 **TV CH +[a]/–**	Press TV (28), and then press TV CH +/– to select preset TV channels.
PRESET +[a]/–	Press to select – preset stations. – preset channels of the VCR, satellite tuner, Blu-ray disc recorder, DVD, DVD/VIDEO COMBO, or DVD/HDD COMBO.
16 **F1, F2**	Press to select the media (for DVD/VIDEO COMBO and DVD/HDD COMBO models only).
WIDE	Press TV (28), and then press WIDE to select the wide picture mode. Press to select the media (for DVD/VIDEO COMBO and DVD/HDD COMBO models only)
TV/VIDEO	Press TV (28) and then press TV/VIDEO to select the input signal (TV input or video input).
17 **DVD TOP MENU**	Press to display the DVD title of the DVD player on the TV screen. Then, use the control buttons to perform menu operations.
DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use the control buttons to perform menu operations.

Name	Function
18 **TV VOL +/–**	Press TV (28) and then press TV VOL +/– to adjust the TV volume level.
MASTER VOL +/–	Press to adjust the volume level of all speakers at the same time.
MUTING	Press to mute the sound. To mute the sound of the TV, press TV (28) and then press MUTING.
19 **RETURN/ EXIT** ↶	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCR, DVD player, LD player, Blu-ray disc recorder, PSX or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (28), and then press RETURN/ EXIT ↶.
20 **Control buttons**	After pressing AMP (12), then MENU 13 for receiver operation DVD TOP MENU 17 or DVD MENU 17, press the control button ↑, ↓, ← or → to select the settings. When you press DVD TOP MENU or DVD MENU, press the control button to enter the selection.
21 **DISPLAY**	Press to select information displayed on the TV screen of the VCR,VCD player, satellite tuner, CD player, DVD player, MD deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.

Getting Started

continued

Name	Function
22 **-/--**	Press to select the channel entry mode, either one or two digits of the Blu-ray disc recorder or satellite tuner. To select the channel mode of the TV, press TV (28) and then press -/--.
>10	Press to select track numbers over 10 of the VCR, satellite tuner, CD player or MD deck, tape deck, TV, Blu-ray disc recorder or PSX.
CLEAR	Press to – clear a mistake when you press the incorrect numeric button. – return to continuous playback, etc. of the satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
23 **CATEGORY MODE**	Press to select the category mode for XM radio.
24 **SLEEP**	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
25 **2CH**	Press to select 2CH STEREO mode.
26 **A.F.D.**	Press to select A.F.D. mode.
27 **MULTI CH**	Press to select the audio directly from the components connected to MULTI CH IN jacks (page 40).
28 **TV**	Press to light up the button. It changes the remote key function to activate the buttons with orange printing. It also activate the TOOLS (11), MENU (13), RETURN/EXIT ↶ (19), and DISPLAY (21) buttons to perform menu operations for Sony TVs only.
29 **RM SET UP**	Press to set-up the remote.

[a]The number 5, PRESET +, TV CH +, and ▷ buttons have tactile dots. Use the tactile dots as references when operating the receiver.

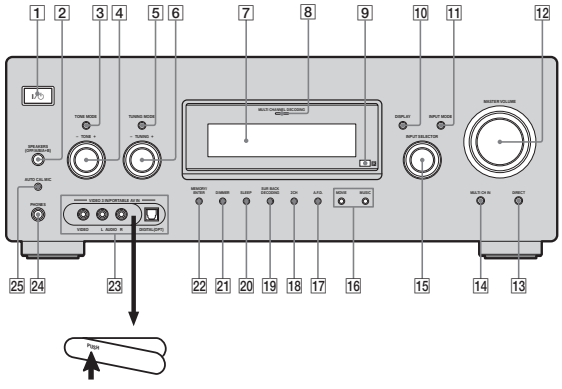
Notes

- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

E2, MY, SP, TW model:

Description and location of parts

Front panel



To remove the cover

Press PUSH.

When you remove the cover, keep it out of reach from children.

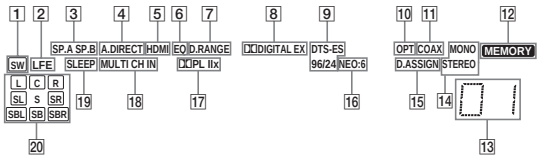
	Name	Function
1	**I/⏻**	Press to turn the receiver on or off (page 32, 41, 42, 66, 91).
2	**SPEAKERS (OFF/A/B/A+B)**	Press to select OFF, A, B, A+B of the front speakers (page 34).
3	**TONE MODE**	Press to select Equalizer mode (page 46).
4	**TONE +/–**	Turn to adjust the EQUALIZER menu parameters (page 46, 51).
5	**TUNING MODE**	Press to select the tuning mode (page 70, 91).
6	**TUNING +/–**	Turn to scan a station (page 67, 69).

	Name	Function
7	**Display**	The current status of the selected component or a list of selectable items appears here (page 6).
8	**MULTI CHANNEL DECODING lamp**	Lights up when multi channel audio is decoded (page 42).
9	**Remote sensor**	Receives signals from remote commander.
10	**DISPLAY**	Press to select information displayed on the display (page 75).
11	**INPUT MODE**	Press to select the input mode when the same components are connected to both digital and analog jacks (page 71).
12	**MASTER VOLUME**	Turn to adjust the volume level of all speakers at the same time (page 38, 39, 41, 42).
13	**DIRECT**	Press to listen to high quality analog sound (page 65).
14	**MULTI CH IN**	Press to select the audio directly from the components connected to the MULTI CH IN jacks (page 39).
15	**INPUT SELECTOR**	Turn to select the input source to playback (page 39, 41, 42, 65, 67, 70, 71, 75, 76).
16	**MOVIE, MUSIC**	Press to select sound fields for movie or music (page 62).
17	**A.F.D.**	Press to select A.F.D. mode (page 60).
18	**2CH**	Press to select 2CH STEREO mode (page 65, 66).

	Name	Function
19	**SUR BACK DECODING**	Press to select the decoding mode for the surround back signals (page 52).
20	**SLEEP**	Press to select the receiver to turn off automatically at a specific time (page 76).
21	**DIMMER**	Press to adjust the brightness of the display (page 59).
22	**MEMORY/ ENTER**	Press to store a station or enter the selection when selecting the settings (page 33).
23	**VIDEO 3 IN/ PORTABLE AV IN jacks**	To connect a camcorder or video game (page 28, 39).
24	**PHONES jack**	Connects to a headphone (page 87).
25	**AUTO CAL MIC jack**	Connects to the supplied ECM-AC2 optimizer microphone for the Auto Calibration function (page 35).

Getting Started

About the indicators on the display


1 2 3 4 5 6 7 8 9 10 11 12
SW LFE SP.A SP.B SLEEP A.DIRECT MULTI CH IN HDMI EQ D.RANGE □□PL IIx □□DIGITAL EX DTS-ES 96/24 NEO:6 OPT COAX D.ASSIGN MONO STEREO MEMORY
L C R SL S SR SBL SB SBR
20 19 18 17 16 15 14 13

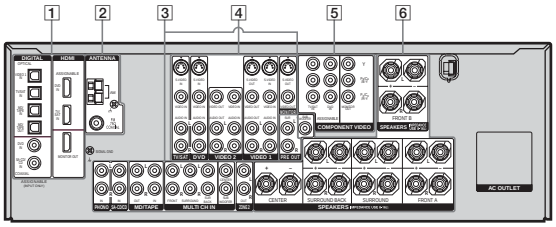
Name	Function
1 **SW**	Lights up when sub woofer selection is set to "YES" (page 48) and the audio signal is output from the SUB WOOFER jack.
2 **LFE**	Lights up when the disc being played back contains an LFE (Low Frequency Effect) channel and the LFE channel signal is actually being reproduced.
3 **SP.A/SP.B**	Lights up according to the speaker system used. However, these indicators do not light up if the speaker output is turned off or if a headphone is connected.
4 **A.DIRECT**	Lights up when ANALOG DIRECT is selected (page 65).
5 **HDMI**	Flashes when you select "HDMI V. ASSIGN" in the Video menu (page 74).
6 **EQ**	Lights up when the equalizer is activated (page 46).
7 **D.RANGE**	Lights up when dynamic range compression is activated (page 46).

Name	Function
8 **□□DIGITAL (EX)**	Lights up when Dolby Digital signals are input. "□□ DIGITAL EX" lights up when Dolby Digital Surround EX signals are decoded. **Note** When playing a Dolby Digital format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG FIXED" (page 71).
9 **DTS (-ES)/ (96/24)**	Lights up when DTS signals are input. "DTS-ES" lights up when DTS-ES signals are input. "DTS 96/24" lights up when the receiver is decoding DTS 96 kHz/24 bit signals. **Note** When playing a DTS format disc, be sure that you have made digital connections and that INPUT MODE is not set to "ANALOG FIXED" (page 71).
10 **OPT**	Lights up when INPUT MODE is set to "AUTO 2CH" and the source signal is a digital signal being input through the OPTICAL jack, or when INPUT MODE is set to "OPT FIXED" (page 71).
11 **COAX**	Lights up when INPUT MODE is set to "AUTO 2CH" and the source signal is a digital signal being input through the COAXIAL jack, or when INPUT MODE is set to "COAX FIXED" (page 71).

Name	Function
12 **MEMORY**	Lights up when a memory function, such as Preset Memory (page 69), etc., is activated.
13 **Preset station indicators**	Lights up when using the receiver to tune in radio stations you have preset. For details on presetting radio stations, see page 68.
14 **Tuner indicators**	Lights up when using the receiver to tune in radio stations (page 66), etc.
15 **D.ASSIGN**	Lights up when the digital assign function is used for selected input.
16 **NEO:6**	Lights up when DTS Neo:6 Cinema/Music decoder is activated (page 61).
17 **□□PL (II)/(IIx)**	Lights up when the receiver applies Pro Logic processing to 2 channel signals in order to output the center and surround channel signals. "□□ PL II" lights up when the Pro Logic II Movie/Music/Game decoder is activated. "□□ PL IIx" lights up when the Pro Logic IIx Movie/Music/ Game decoder is activated. However, these indicators do not light up if both the center and surround speakers are set to "NO" (page 48) and you select a sound field using the A.F.D. button. **Note** Dolby Pro Logic IIx decoding does not function for DTS format signals or for signals with a sampling frequency of more than 48 kHz.
18 **MULTI CH IN**	Lights up when MULTI CH IN is selected (page 39).
19 **SLEEP**	Lights up when the sleep timer is activated (page 76).

Name	Function
20 **Playback channel indicators**	The letters (L, C, R, etc.) indicate the channels being played back. The boxes around the letters vary to show how the receiver downmixes the source sound (based on the speaker settings). **L** Front Left **R** Front Right **C** Center (monaural) **SL** Surround Left **SR** Surround Right **S** Surround (monaural or the surround components obtained by Pro Logic processing) **SBL** Surround back left **SBR** Surround back right **SB** Surround back (the surround back components obtained by 6.1 channel decoding) **Example:** Recording format (Front/ Surround): 3/2.1 Output channel: When surround speaker is set to "NO" (page 48) Sound Field: A.F.D. AUTO SW L C R SL SR

Rear panel



1 DIGITAL INPUT/OUTPUT section

	OPTICAL IN/OUT jack	Connects to a DVD player, etc. The COAXIAL jack provides a better quality of loud sound (page 25, 27).
	COAXIAL IN jack	
	HDMI IN/ MONITOR OUT jack	Connects to a DVD player, or a satellite tuner. The image and the sound are output to TV or a projector (page 29).

2 ANTENNA section

	FM ANTENNA	Connects to the FM wire antenna supplied with this receiver (page 31).
	AM ANTENNA	Connects to the AM loop antenna supplied with this receiver (page 31).

3 AUDIO INPUT/OUTPUT section

White (L) Red (R)	AUDIO IN/ OUT jack	Connects to an MD deck or CD player, etc. (page 20).
White (L) Red (R) Black	MULTI CHANNEL INPUT jack	Connects to a Super Audio CD player or DVD player which has an analog audio jack for 7.1 channel sound (page 19).
White (L) Red (R)	PRE OUT jack	Connects to an external power amplifier.

4 VIDEO/AUDIO INPUT/OUTPUT section

White (L) Red (R)	AUDIO IN/ OUT jack	Connects the video and audio jacks of a VCR or a DVD player (page 24, 25, 26, 27, 28).
Yellow	VIDEO IN/ OUT jack*	
	S-VIDEO IN/ OUT jack*	

5 COMPONENT VIDEO INPUT/ OUTPUT section

Green Blue Red	COMPONENT VIDEO INPUT/ OUTPUT jack*	Connects to a DVD player, TV, or a satellite tuner. You can enjoy high quality image (page 24, 26, 27).

6 SPEAKER section

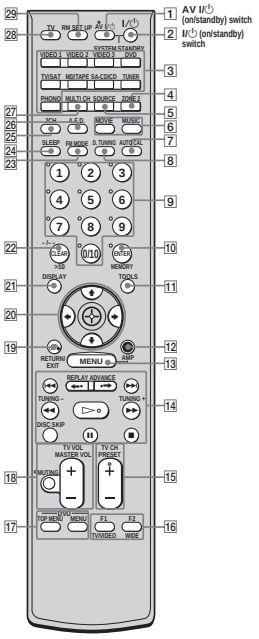
	Connects to speakers (page 15).
	Connects to sub woofer (page 15).

* You can watch the selected input image when you connect the MONITOR OUT jack to a TV monitor (page 24).

Remote commander

You can use the supplied remote to operate the receiver and to control the Sony audio/video components that the remote is assigned to operate. You can also program the remote to control non-Sony audio/video components. For details, see "Programming the remote" (page 79).

RM-AAP009



continued

Name	Function
1 **AV I/⏻**	Press to turn on or off the Sony audio/video components that the remote is programmed to operate. To turn the TV on or off, press TV (28) and then press AV I/⏻. If you press I/⏻ (2) at the same time, it will turn off the receiver and other components (SYSTEM STANDBY). **Note** The function of the AV I/⏻ switch changes automatically each time you press the input buttons (3).
2 **I/⏻**	Press to turn the receiver on or off. To turn off all components, press I/⏻ and AV I/⏻ (1) at the same time (SYSTEM STANDBY).

Name	Function
3 **Input buttons**	Press one of the buttons to select the component you want to use. When you press any of the input buttons, the receiver turns on. The buttons are factory assigned to control Sony components as follows. You can program the remote to control non-Sony components by changing the code. For details see "Programming the remote" (page 79).

Button	Assigned Sony component
VIDEO 1	VCR (VTR mode 3)
VIDEO 2	VCR (VTR mode 2)
VIDEO 3	VCR (VTR mode 1)
DVD	DVD player
TV/SAT	TV tuner
MD/TAPE	MD deck
SA-CD/CD	Super Audio CD/CD player
TUNER	Built-in tuner
PHONO	Not assigned.

4 **ZONE 2**	Press ZONE 2 to light up the button to select the command mode of the remote.
5 **SOURCE**	Press to select the current input for the main receiver.
6 **MOVIE, MUSIC**	Press to select sound fields (MOVIE, MUSIC).
7 **AUTO CAL**	Press to activate the Auto Calibration function.
8 **D.TUNING**	Press to enter direct tuning mode.

Name	Function
9 **Numeric buttons (number 5[a])**	Press to – preset/tune to preset stations. – select track numbers of the CD player, DVD player, LD player, DAT deck, tape deck or MD deck. Press 0/10 to select track number 10. – select channel numbers of the VCR, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. Press TV (28), and then press the numeric buttons to select the TV channels.
10 **ENTER**	Press to enter the value after selecting a channel, disc or track using the numeric buttons. To enter the value of Sony TV, press TV (28), and then press ENTER.
MEMORY	Press to store a station.
11 **TOOLS**	Press to display options applicable to the entire disc (e.g. disc protection), recorder (e.g. audio settings during recording), or multiple items on a list menu (e.g. erasing multiple titles). To display the options of Sony TV, press TV (28), and then press TOOLS.
12 **AMP**	Press AMP to light up the button, then press MENU (13) to display the menu of the receiver. Then, use the control buttons to perform menu operations.
13 **MENU**	Press to display the menus of the VCR, DVD player, satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. on the TV screen. Then, use the control buttons to perform menu operations. To display the menus of Sony TV, press TV (28), and then press MENU.

continued

Name	Function
14 **I◄◄/►►I**	Press to skip tracks of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
REPLAY ←· / ADVANCE ·→	Press to replay the previous scene or fast forward the current scene of the VCR, DVD player, DVD/VIDEO COMBO, or DVD/HDD COMBO.
◄◄/►►	Press to – search tracks in the forward/backward direction of the DVD player, LD player, MD deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. – fast forward/rewind of the VCR, CD player, MD deck, DAT deck or tape deck.
▷[a]	Press to start playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
DISC SKIP	Press to skip disc of the CD player, VCD player, DVD player, MD deck or LD player (multi-disc changer only).
▮▮	Press to pause playback or recording of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO. (Also starts recording with components in recording standby.)

Name	Function
14 **■**	Press to stop playback of the VCR, CD player, VCD player, LD player, DVD player, MD deck, DAT deck, tape deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
TUNING +/–	Press to scan a station.
15 **TV CH +[a]/–**	Press TV (28), and then press TV CH +/– to select preset TV channels.
PRESET +[a]/–	Press to select – preset stations. – preset channels of the VCR, satellite tuner, Blu-ray disc recorder, DVD, DVD/VIDEO COMBO, or DVD/HDD COMBO.
16 **F1, F2**	Press to select the media (for DVD/VIDEO COMBO and DVD/HDD COMBO models only).
WIDE	Press TV (28), and then press WIDE to select the wide picture mode. Press to select the media (for DVD/VIDEO COMBO and DVD/HDD COMBO models only)
TV/VIDEO	Press TV (28) and then press TV/VIDEO to select the input signal (TV input or video input).
17 **DVD TOP MENU**	Press to display the DVD title of the DVD player on the TV screen. Then, use the control buttons to perform menu operations.
DVD MENU	Press to display the menu of the DVD player on the TV screen. Then, use the control buttons to perform menu operations.

Name	Function
18 **TV VOL +/–**	Press TV (28) and then press TV VOL +/– to adjust the TV volume level.
MASTER VOL +/–	Press to adjust the volume level of all speakers at the same time.
MUTING	Press to mute the sound. To mute the sound of the TV, press TV (28) and then press MUTING.
19 **RETURN/ EXIT ↶**	Press to – return to the previous menu. – exit the menu while the menu or on-screen guide of the VCR, DVD player, LD player, Blu-ray disc recorder, PSX or satellite tuner is displayed on the TV screen. To return to the previous menu of Sony TV, press TV (28), and then press RETURN/ EXIT ↶.
20 **Control buttons**	After pressing AMP (12), then MENU 13 for receiver operation DVD TOP MENU 17 or DVD MENU 17, press the control button ↑, ↓, ← or → to select the settings. When you press DVD TOP MENU or DVD MENU, press the control button to enter the selection.
21 **DISPLAY**	Press to select information displayed on the TV screen of the VCR,VCD player, satellite tuner, CD player, DVD player, MD deck, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.

Name	Function
22 **-/--**	Press to select the channel entry mode, either one or two digits of the Blu-ray disc recorder or satellite tuner. To select the channel mode of the TV, press TV (28) and then press -/--.
>10	Press to select track numbers over 10 of the VCR, satellite tuner, CD player or MD deck, tape deck, TV, Blu-ray disc recorder or PSX.
CLEAR	Press to – clear a mistake when you press the incorrect numeric button. – return to continuous playback, etc. of the satellite tuner, Blu-ray disc recorder, PSX, DVD/VIDEO COMBO, or DVD/HDD COMBO.
23 **FM MODE**	Press to select FM monaural or stereo reception.
24 **SLEEP**	Press to activate the Sleep Timer function and the duration which the receiver turns off automatically.
25 **2CH**	Press to select 2CH STEREO mode.
26 **A.F.D.**	Press to select A.F.D. mode.
27 **MULTI CH**	Press to select the audio directly from the components connected to MULTI CH IN jacks (page 39).
28 **TV**	Press to light up the button. It changes the remote key function to activate the buttons with orange printing. It also activate the TOOLS (11), MENU (13), RETURN/EXIT ↶ (19), and DISPLAY (21) buttons to perform menu operations for Sony TVs only.
29 **RM SET UP**	Press to set-up the remote.

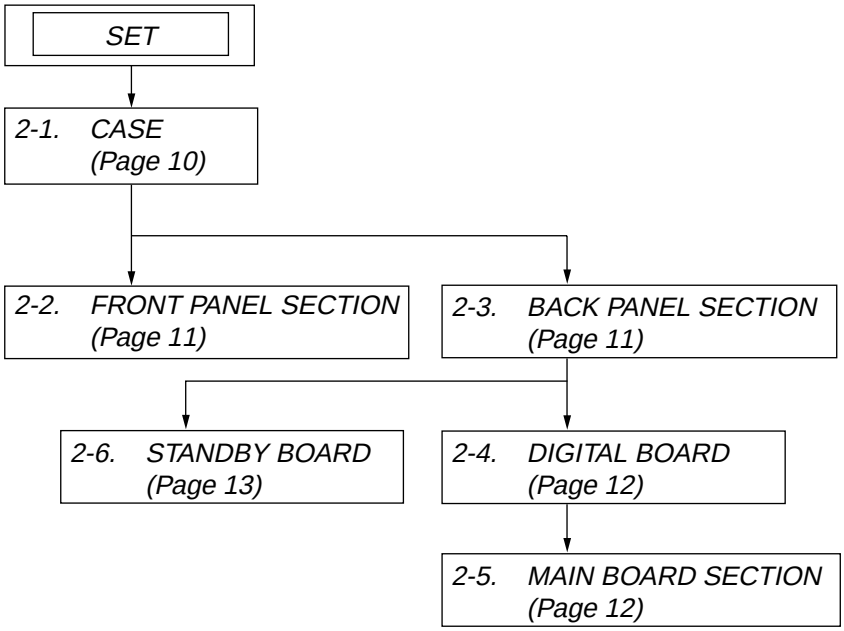
[a]The number 5, PRESET +, TV CH +, and ▷ buttons have tactile dots. Use the tactile dots as references when operating the receiver.

Notes

- Some functions explained in this section may not work depending on the model.
- The above explanation is intended to serve as an example only. Therefore, depending on the component, the above operation may not be possible or may operate differently than described.

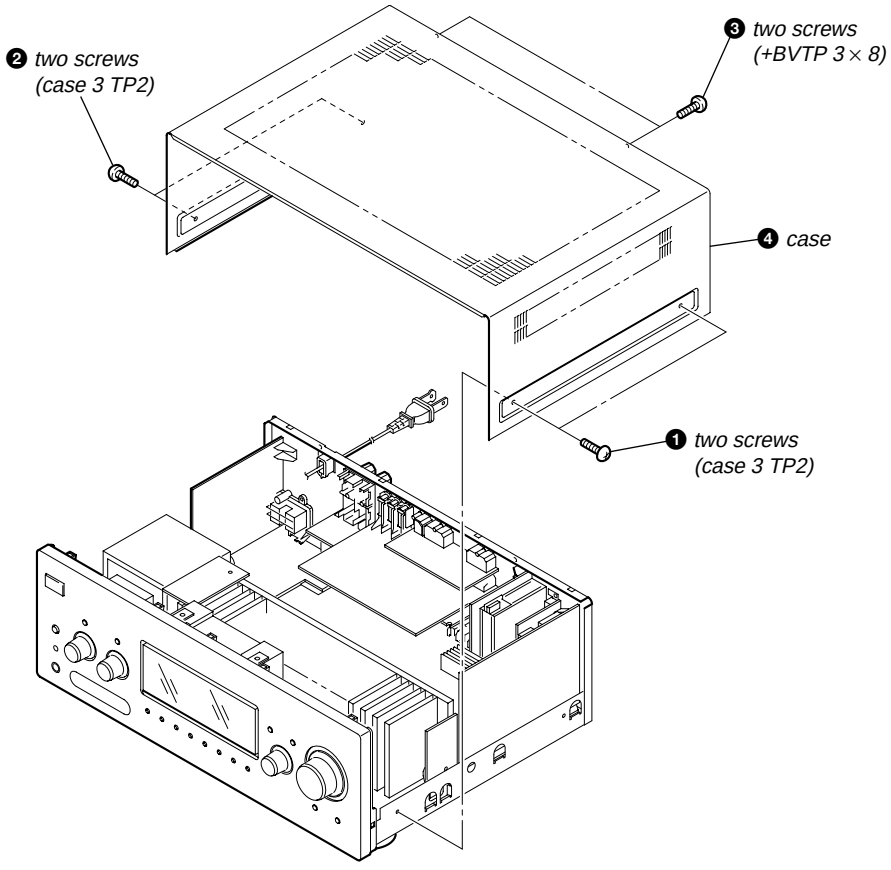
SECTION 2
DISASSEMBLY

Note : This set can be disassemble according to the following sequence.

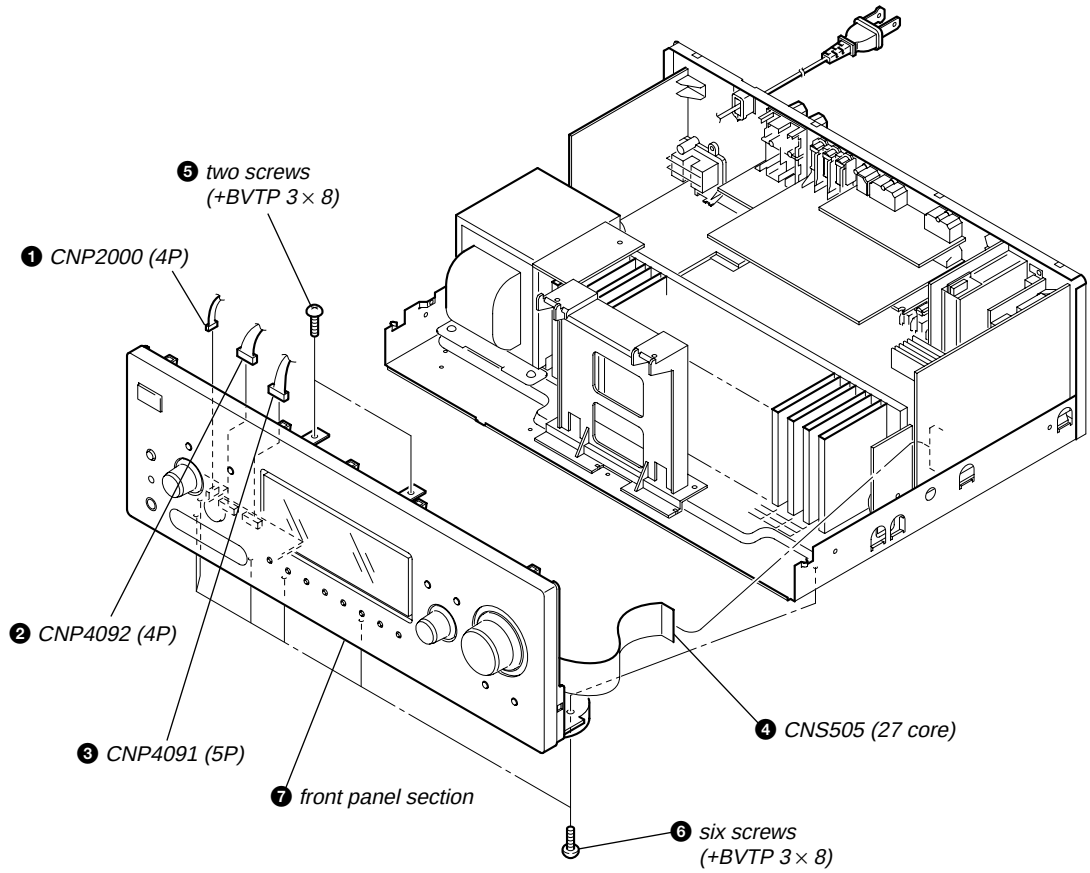


Note : Follow the disassembly procedure in the numerical order given.

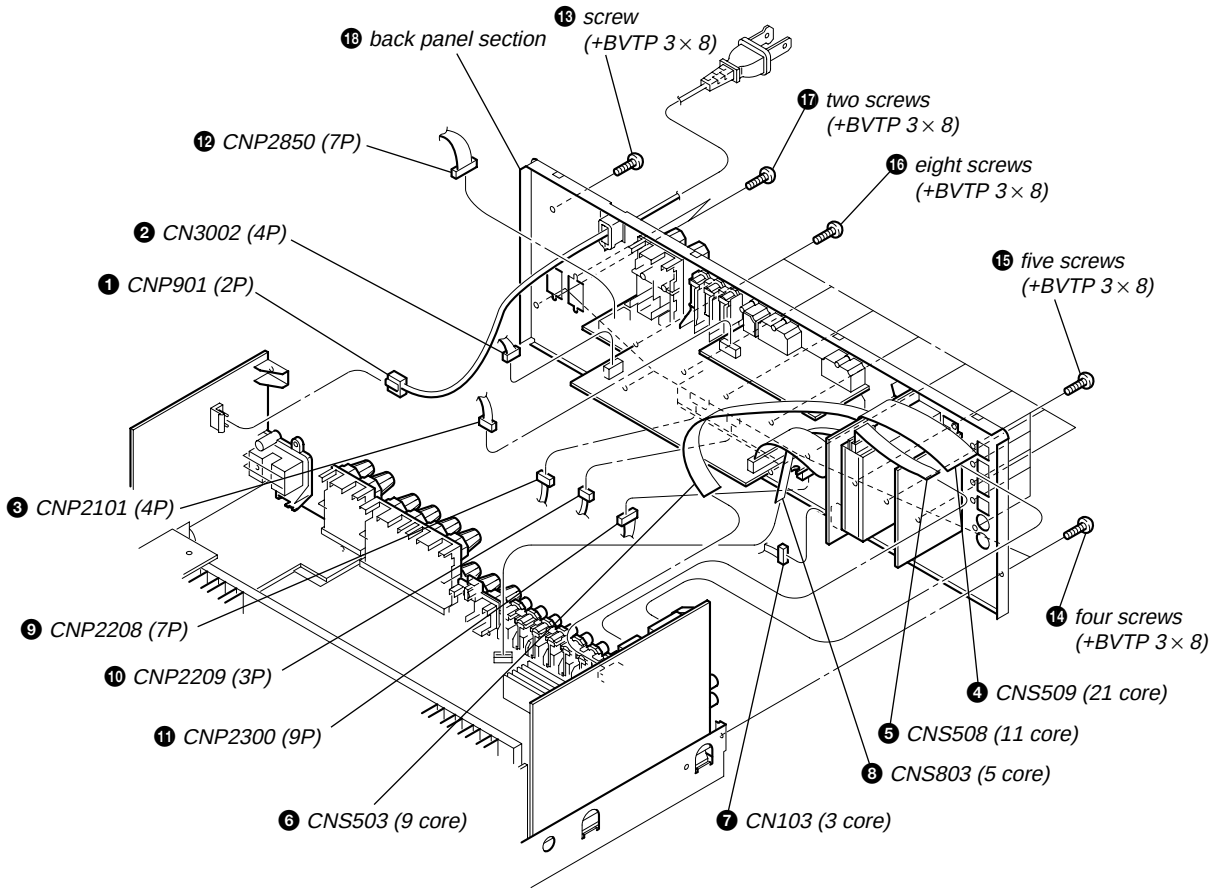
2-1. CASE



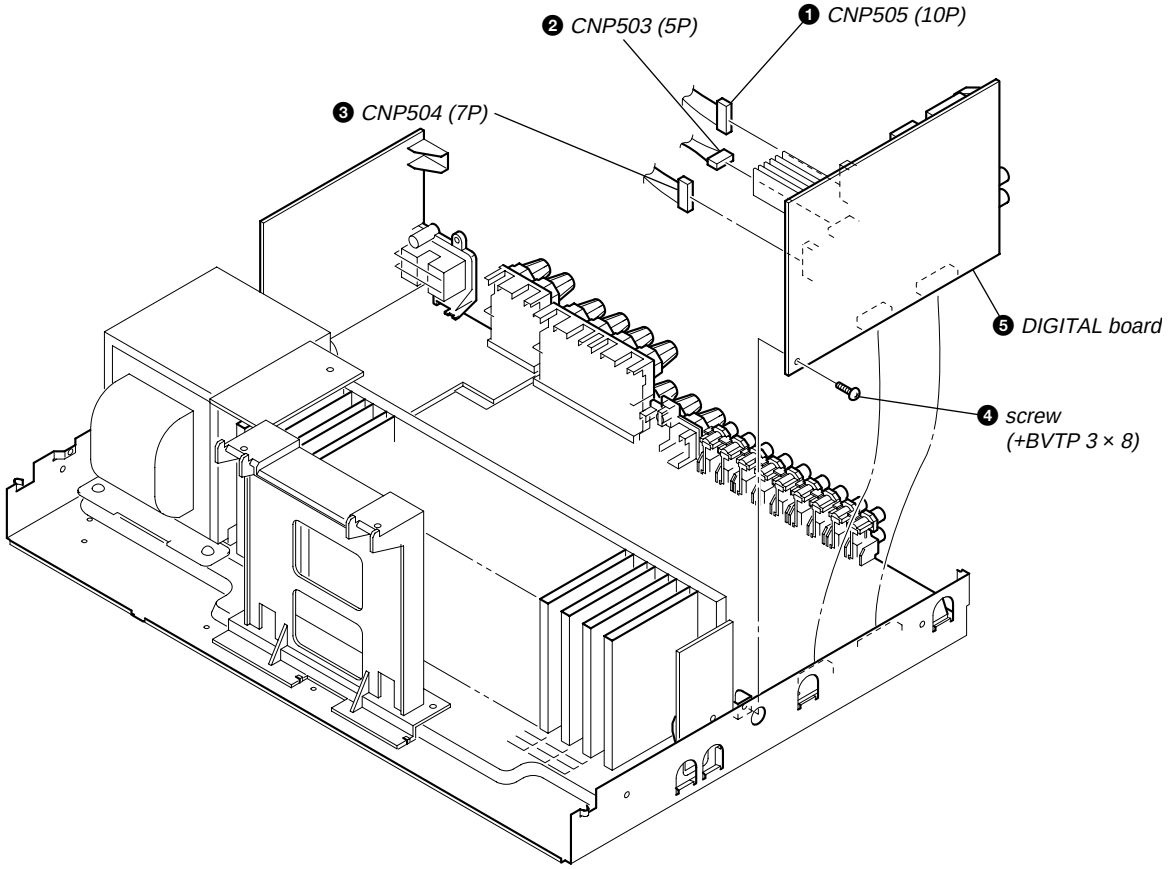
2-2. FRONT PANEL SECTION



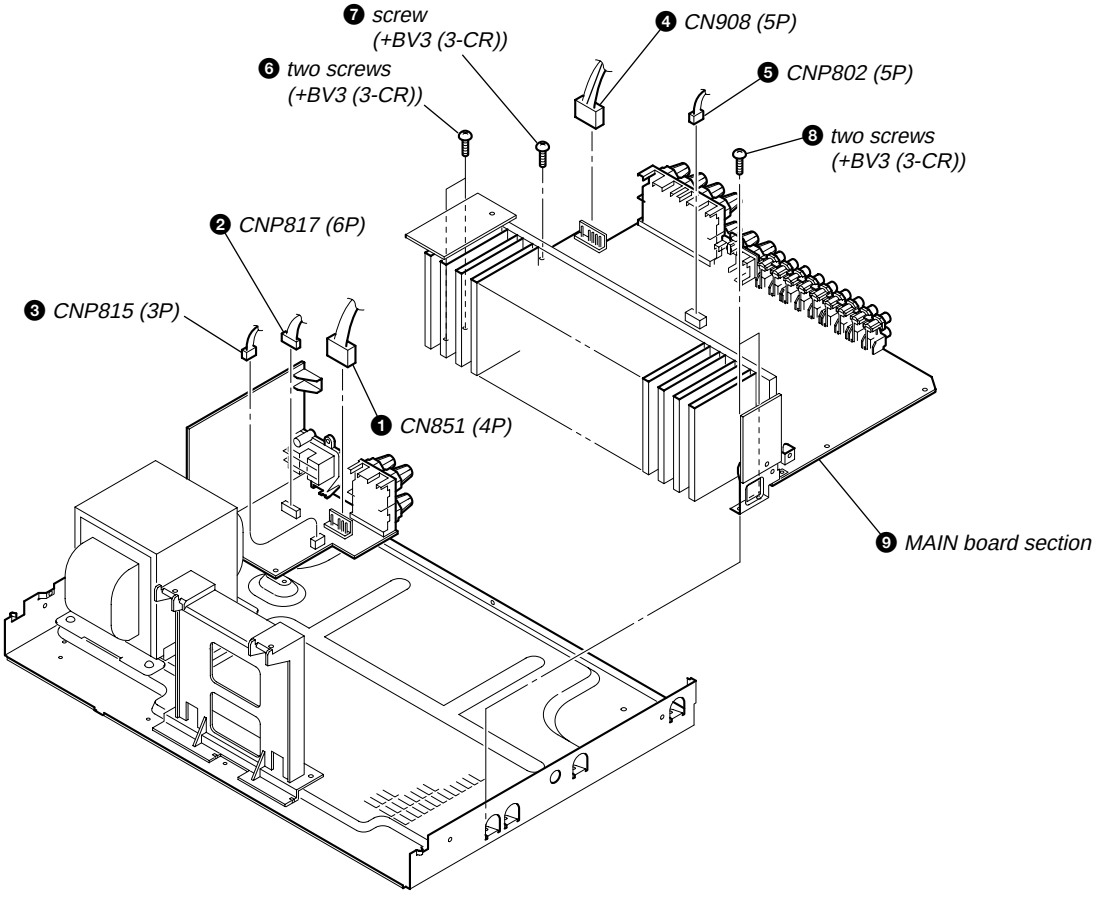
2-3. BACK PANEL SECTION



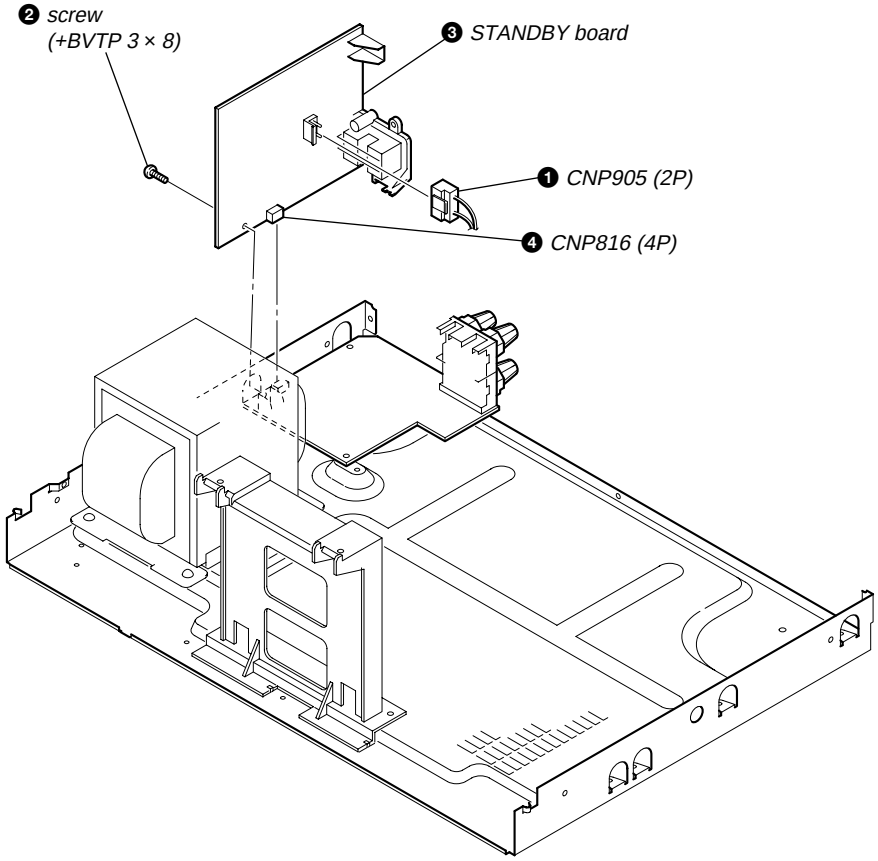
2-4. DIGITAL BOARD



2-5. MAIN BOARD SECTION



2-6. STANDBY BOARD



SECTION 3
TEST MODE

FACTORY PRESET MODE

* All preset contents are reset to the default setting.
* Procedure:
  While depressing the [TONE MODE] and the [DIRECT] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The message “FACTORY” appears for a moment and the present contents are reset to the default values.

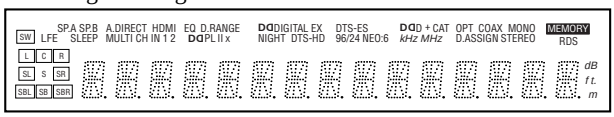
AM CHANNEL STEP 9 kHz/10 kHz SELECTION MODE

* Either the 9 kHz step or 10 kHz step can be selected for the AM channel step.
* Procedure:
  Turn the [INPUT SELECTOR] control to set AM and press the [I/⏻] button to turn off the main power.
  While depressing the [CATEGORY MODE] (US, CND) or [DIMMER] (E2, MY, SP, TW) button, press the [I/⏻] button to turn on the main power.
  Either the message “9k STEP” or “10k STEP” appears for a moment and select the desired step.

VACUUM FLUORESCENT DISPLAY TEST MODE

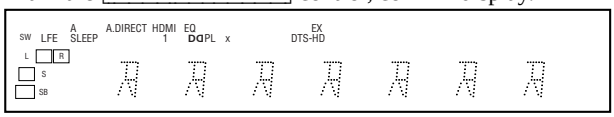
* All fluorescent segments are tested.
  When this test is activated, all segments light on at the same time, then each segment lights on one after another.
* Procedure:
  While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [DISPLAY] buttons simultaneously, press the [I/⏻] button to turn on the main power.

1. ALL segments light on.



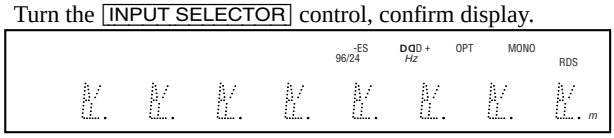
[MULTI CHANNEL DECODING] LED light on.

2. Turn the [INPUT SELECTOR] control, confirm display.



[MULTI CHANNEL DECODING] LED light on.

3. Turn the [INPUT SELECTOR] control, confirm display.



[MULTI CHANNEL DECODING] LED light on.

4. Turn the [INPUT SELECTOR] control, all segments light off.
   [MULTI CHANNEL DECODING] LED light off.

SOUND FIELD CLEAR MODE

* The preset sound field is cleared when this mode is activated.
  Use this mode before returning the product to clients upon completion of repair.
* Procedure:
  While depressing the [2CH] button, press the [I/⏻] button to turn on the main power.
  The message “S.F. INITIALIZE” appears for a moment and initialization is performed.

SOFTWARE VERSION DISPLAY MODE

* The software version is displayed.
* Procedure:
  While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [DIRECT] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  The model name, destination and the software version are displayed for a moment.

KEY CHECK MODE

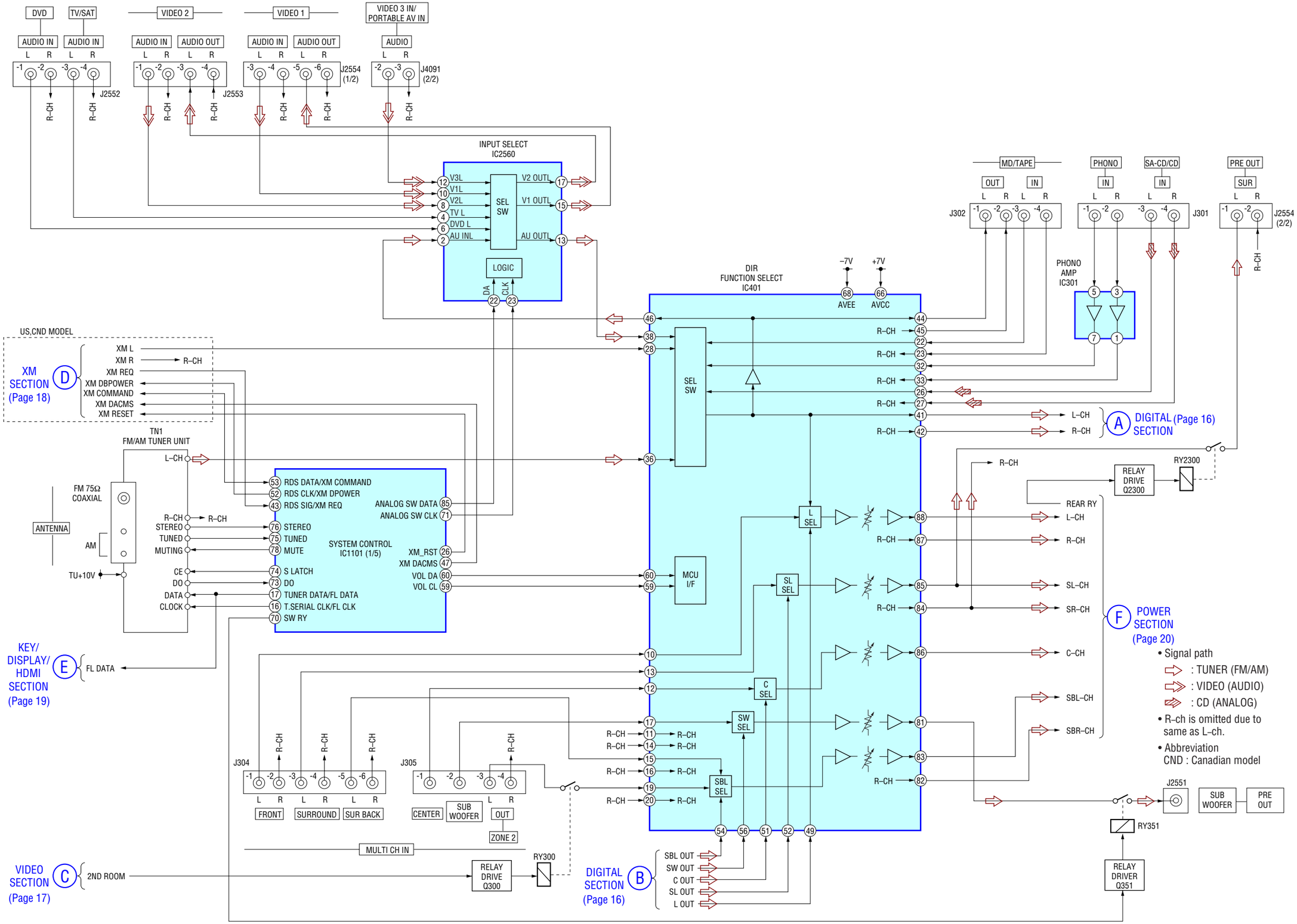
* Button check
* Procedure:
  While depressing the [SPEAKERS (OFF/A/B/A+B)] and the [MULTI CH IN] buttons simultaneously, press the [I/⏻] button to turn on the main power.
  Either the message “REST 15” appears.
  Every pressing of any button other than the [I/⏻] counts down the buttons. The buttons which are already counted once are not counted again. When all buttons are pressed “REST 00” appears.

COMMAND MODE SELECTION MODE

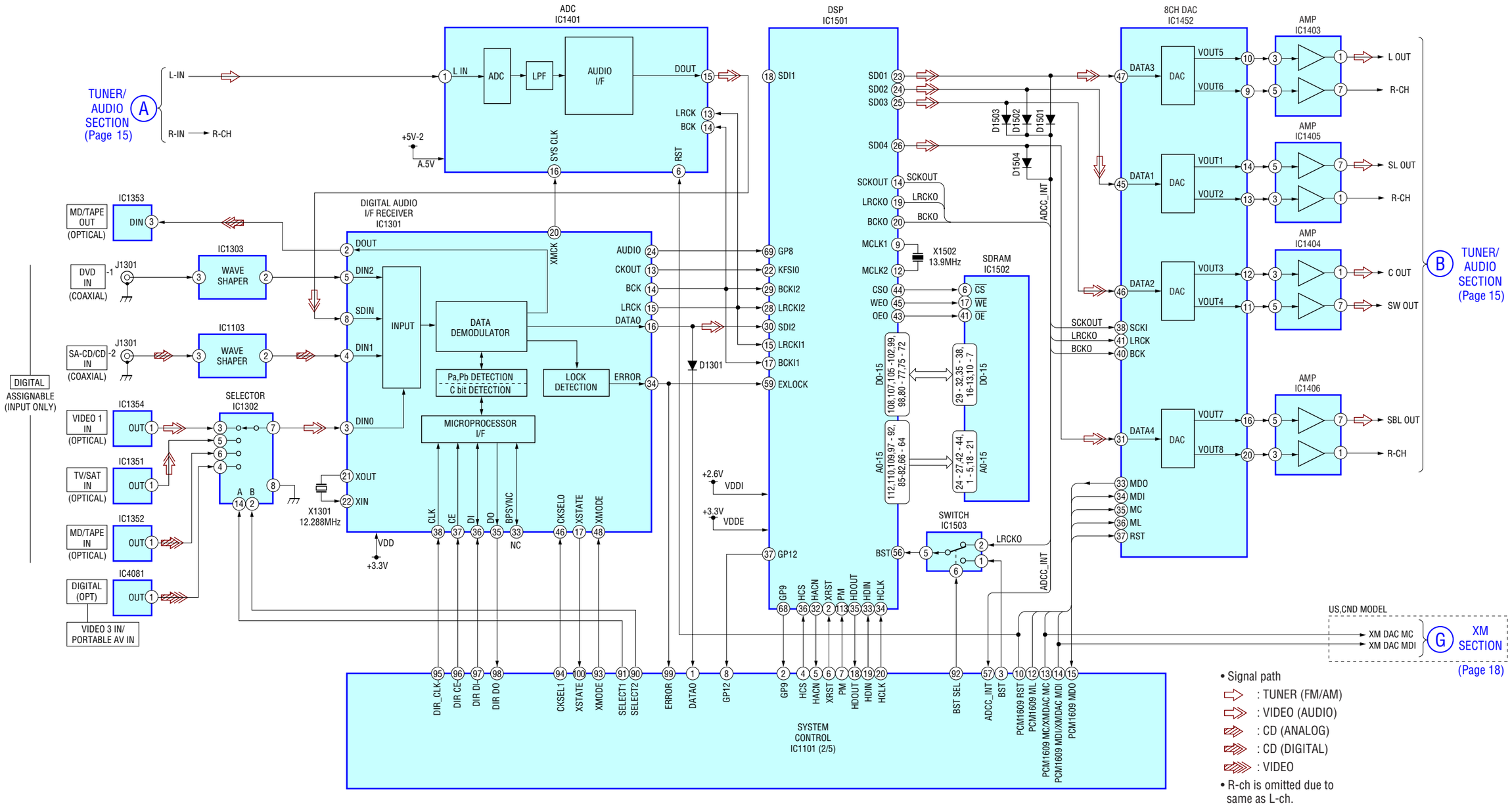
* The command mode (AV1 or AV2) of the remote commander can be selected.
* Procedure:
  While depressing the [INPUT MODE] button, press the [I/⏻] button to turn on the main power.
  Either the message “C.MODE.AV 1” or “C.MODE.AV 2” appears for a moment and select the desired mode.

SECTION 4
DIAGRAMS

4-1. BLOCK DIAGRAM — TUNER/AUDIO SECTION —

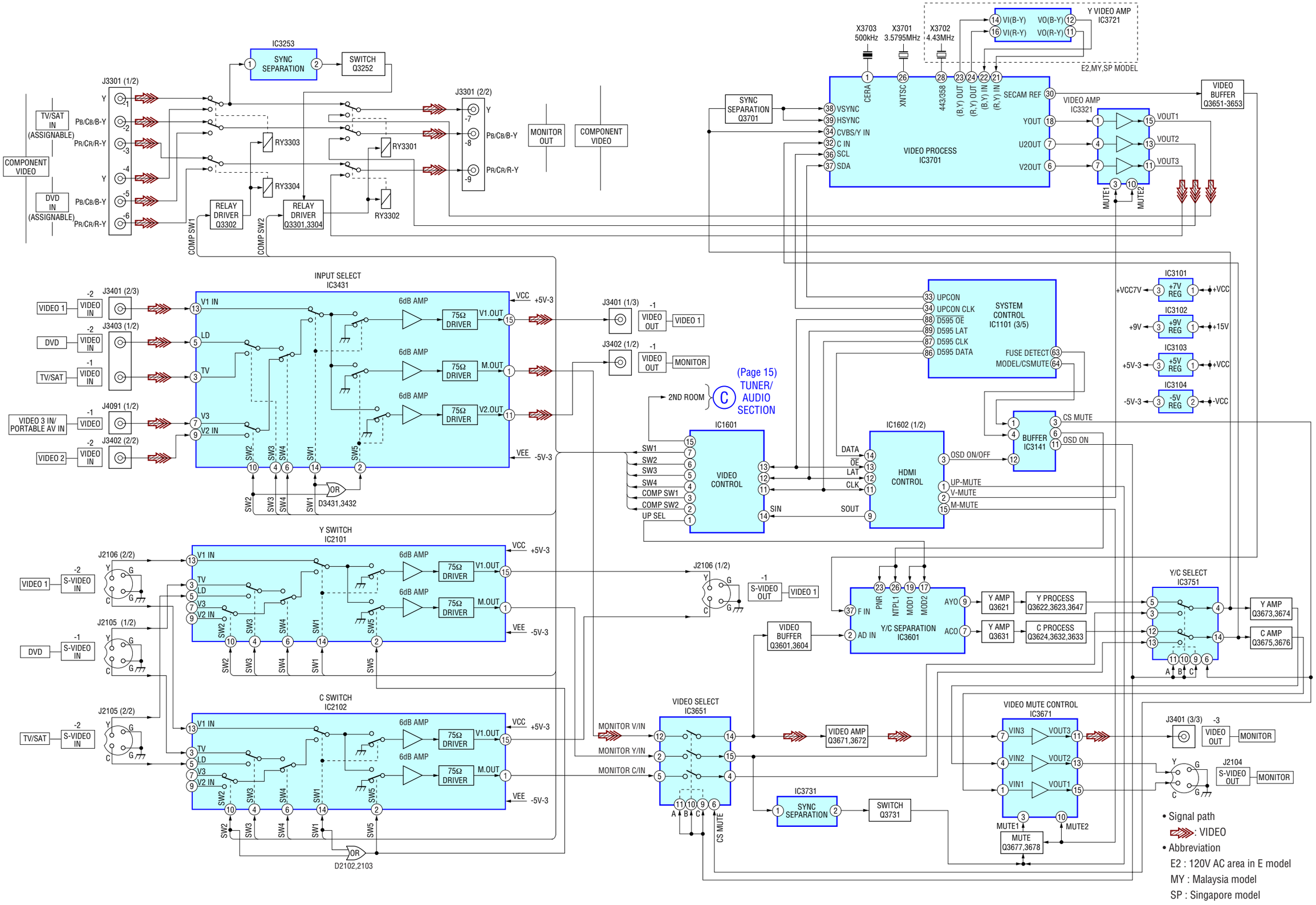


4-2. BLOCK DIAGRAM — DIGITAL SECTION —

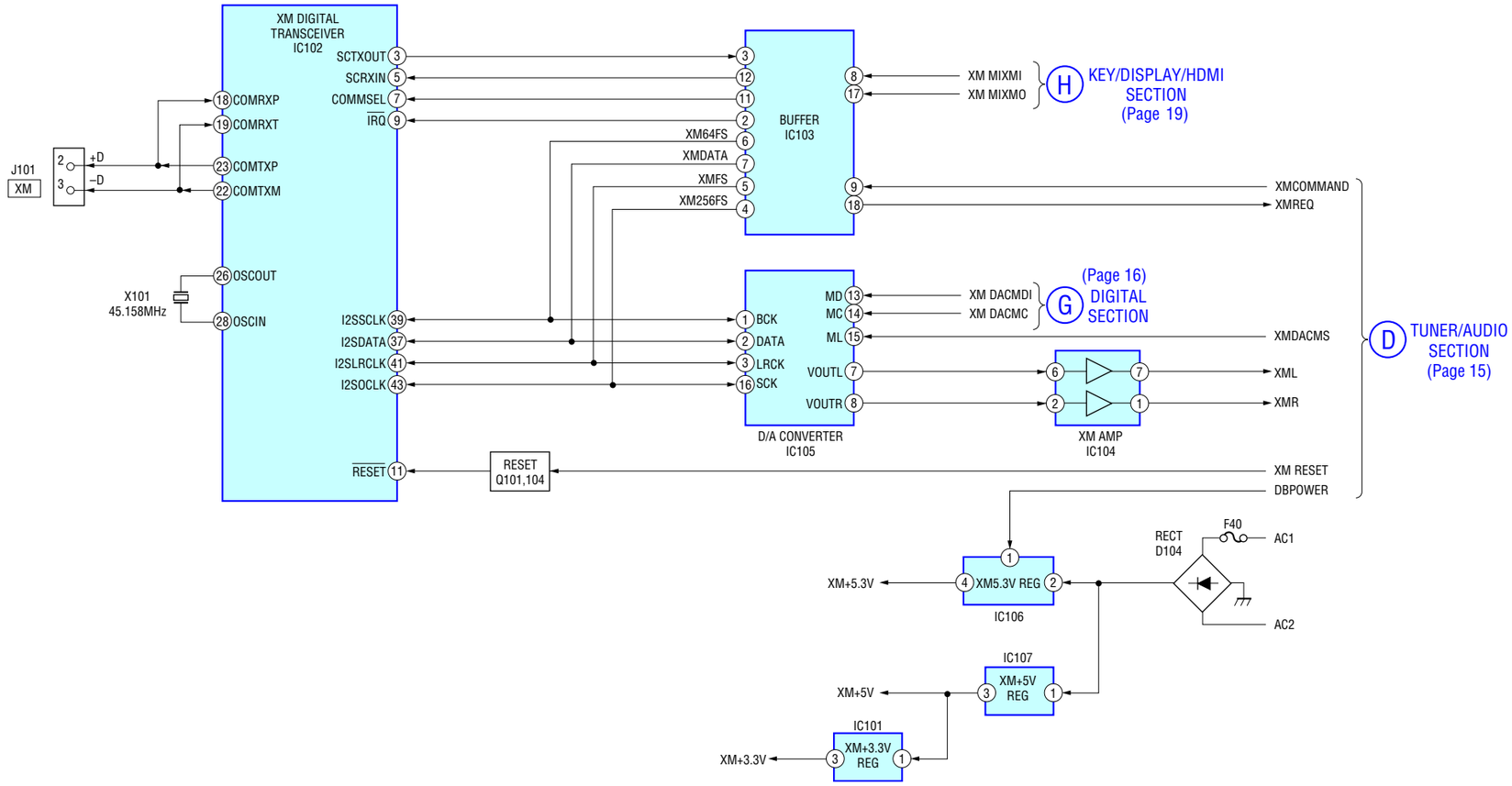


- Signal path
  - : TUNER (FM/AM)
  - : VIDEO (AUDIO)
  - : CD (ANALOG)
  - : CD (DIGITAL)
  - : VIDEO
- R-ch is omitted due to same as L-ch.
- Abbreviation
  CND : Canadian model

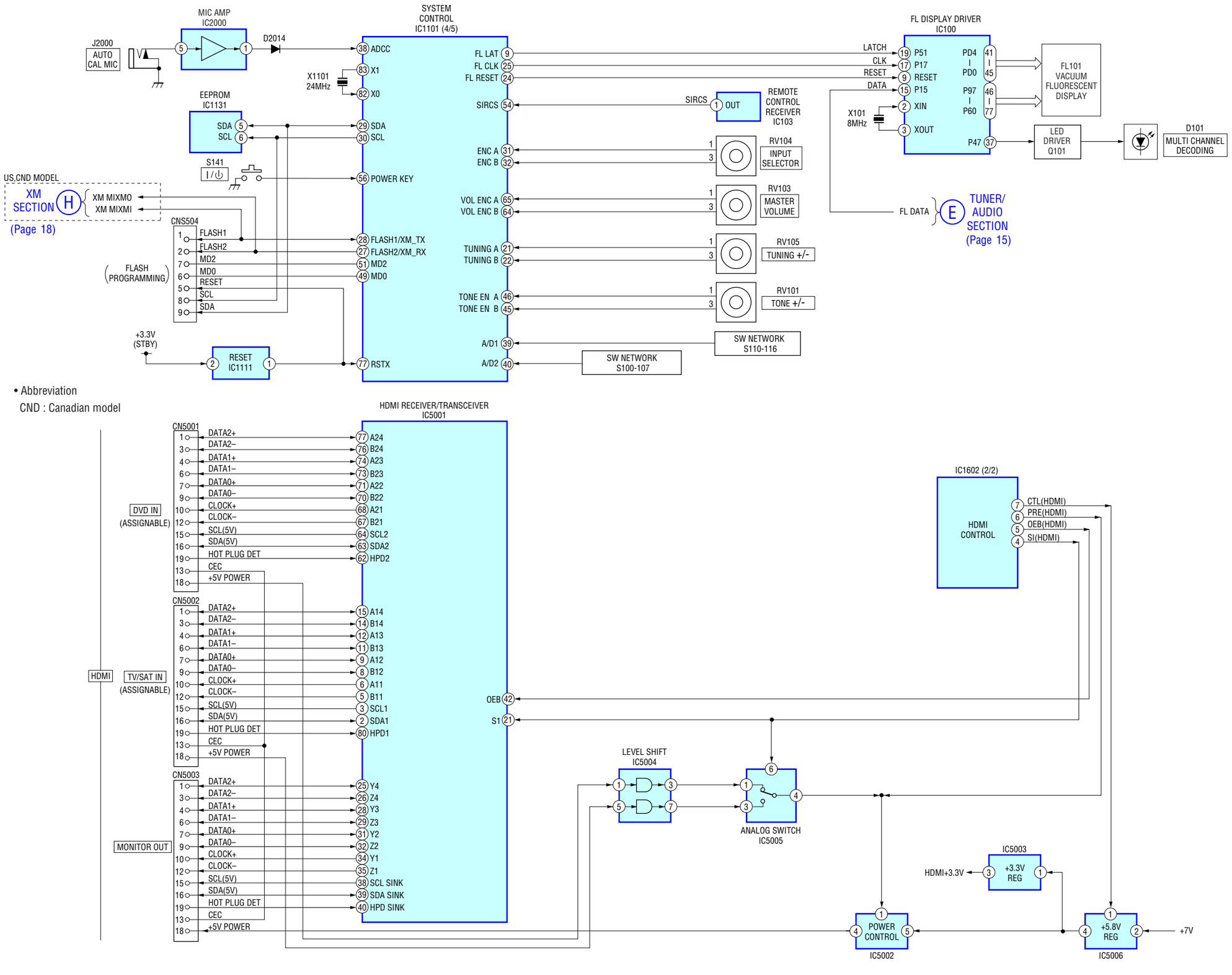
4-3. BLOCK DIAGRAM — VIDEO SECTION —



4-4. BLOCK DIAGRAM — XM SECTION (US, CND MODEL) —

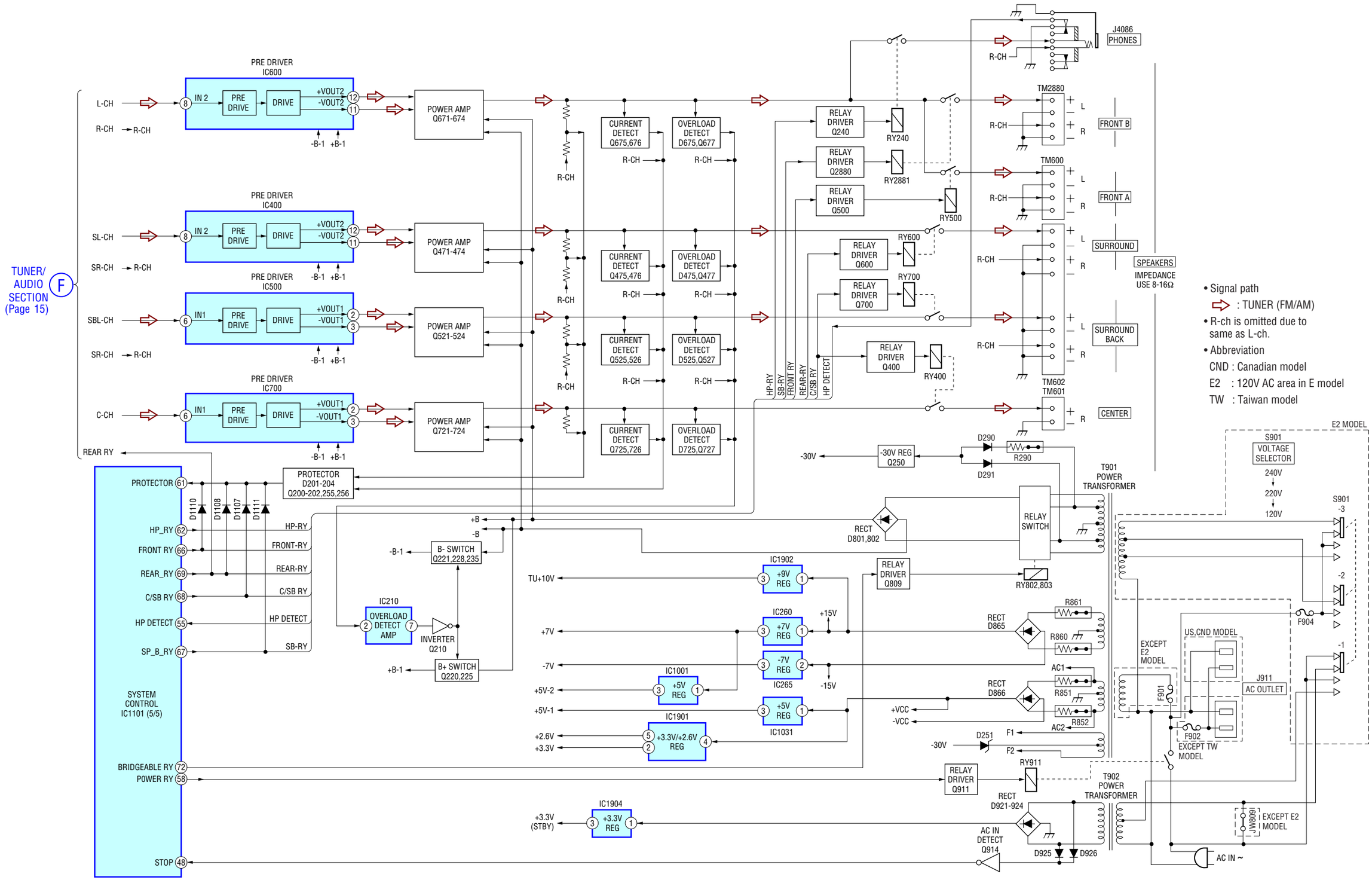


4-5. BLOCK DIAGRAM — KEY/DISPLAY/HDMI SECTION —

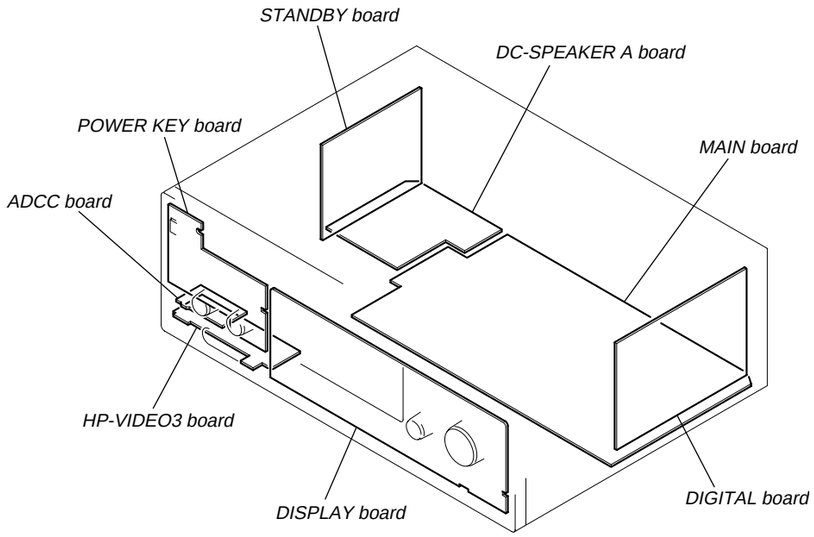


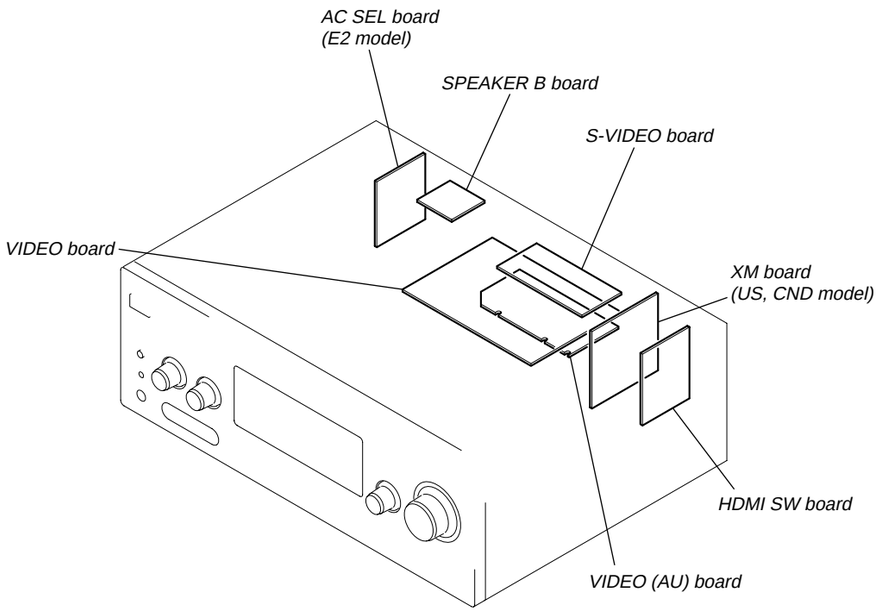
• Abbreviation
CND : Canadian model

4-6. BLOCK DIAGRAM — POWER SECTION —



4-7. CIRCUIT BOARDS LOCATION





THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

for schematic diagram:

- All capacitors are in µF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- △ : internal component.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

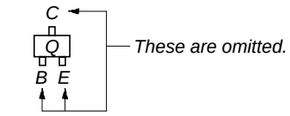
- : B+ Line.
- : B– Line.
- Voltage and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : TUNER (FM/AM)
  : VIDEO (AUDIO)
  : VIDEO
  : CD (ANALOG)
  : CD (DIGITAL)
- Abbreviation
  CND : Canadian model.
  E2 : 120 V AC area in E model.
  MY : Malaysia model.
  SP : Singapore model.
  TW : Taiwan model.

for printed wiring boards:

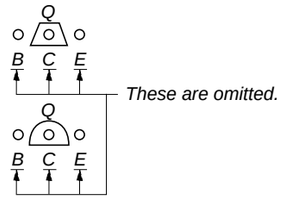
- : parts extracted from the component side.
- △ : internal component.
- : Pattern from the side which enables seeing.

Caution:	
Pattern face side: (Side B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (Side A)	Parts on the parts face side seen from the parts face are indicated.

- Abbreviation
  CND : Canadian model.
  E2 : 120 V AC area in E model.
  MY : Malaysia model.
  SP : Singapore model.
  TW : Taiwan model.

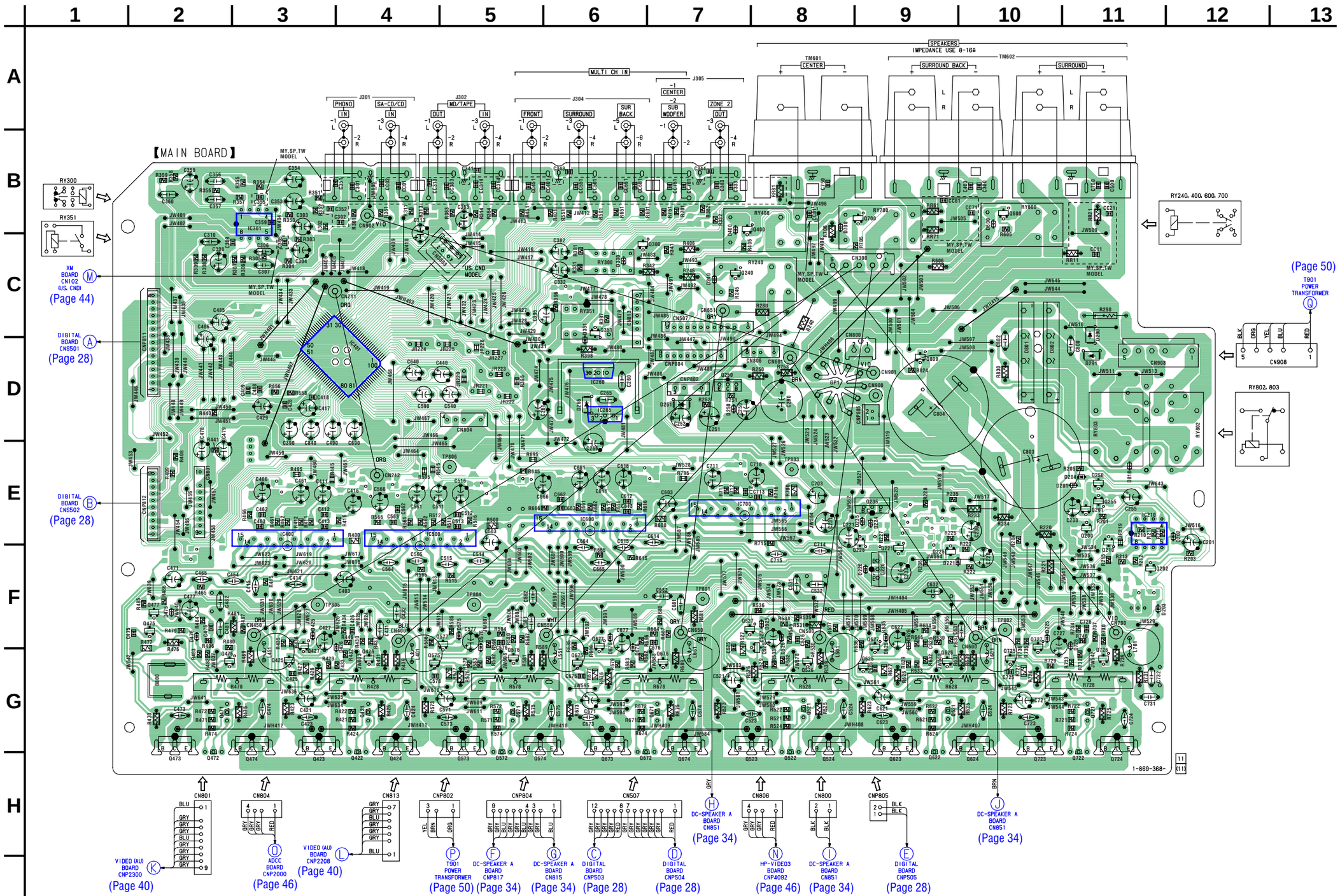


These are omitted.



These are omitted.

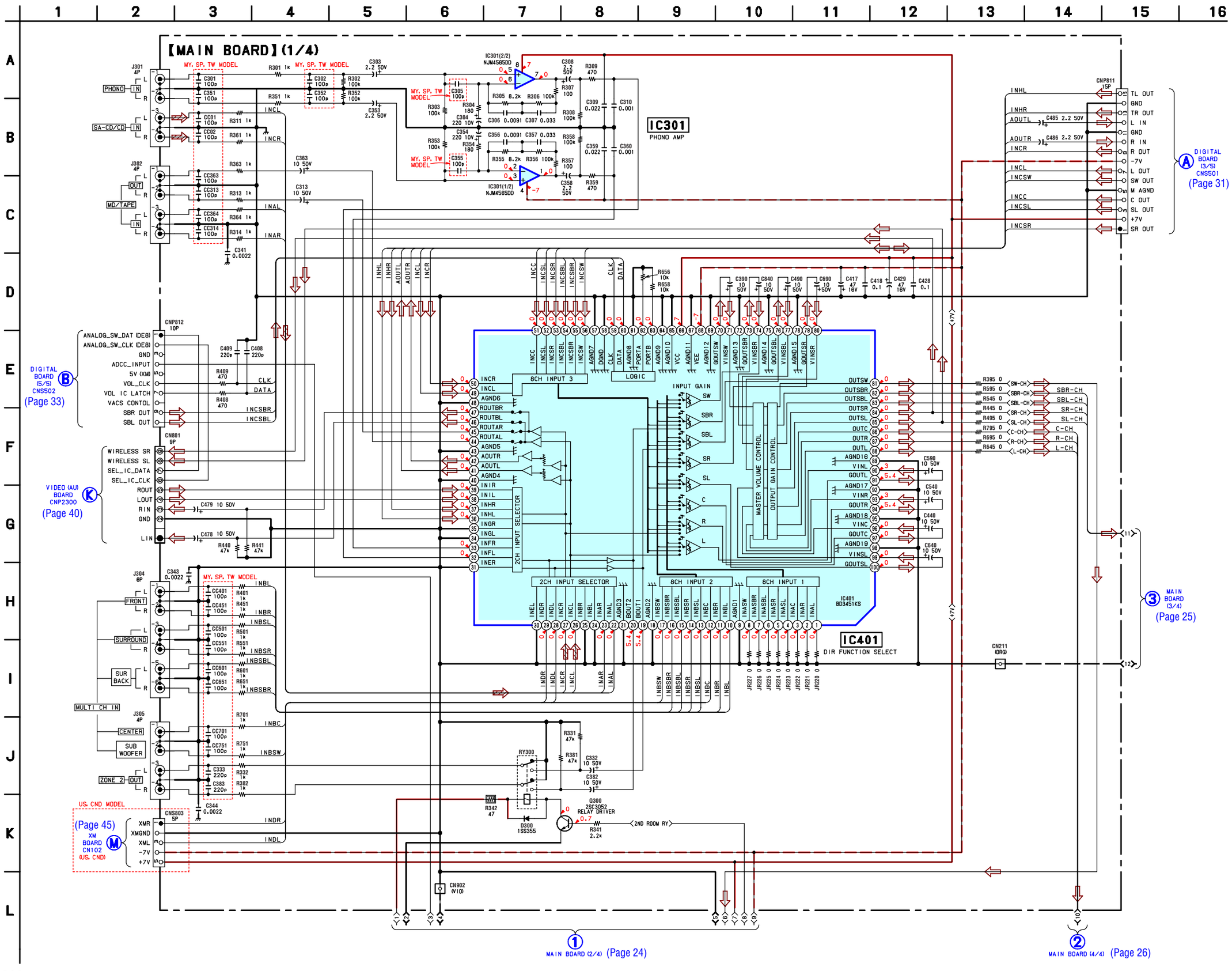
4-8. PRINTED WIRING BOARD — MAIN SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



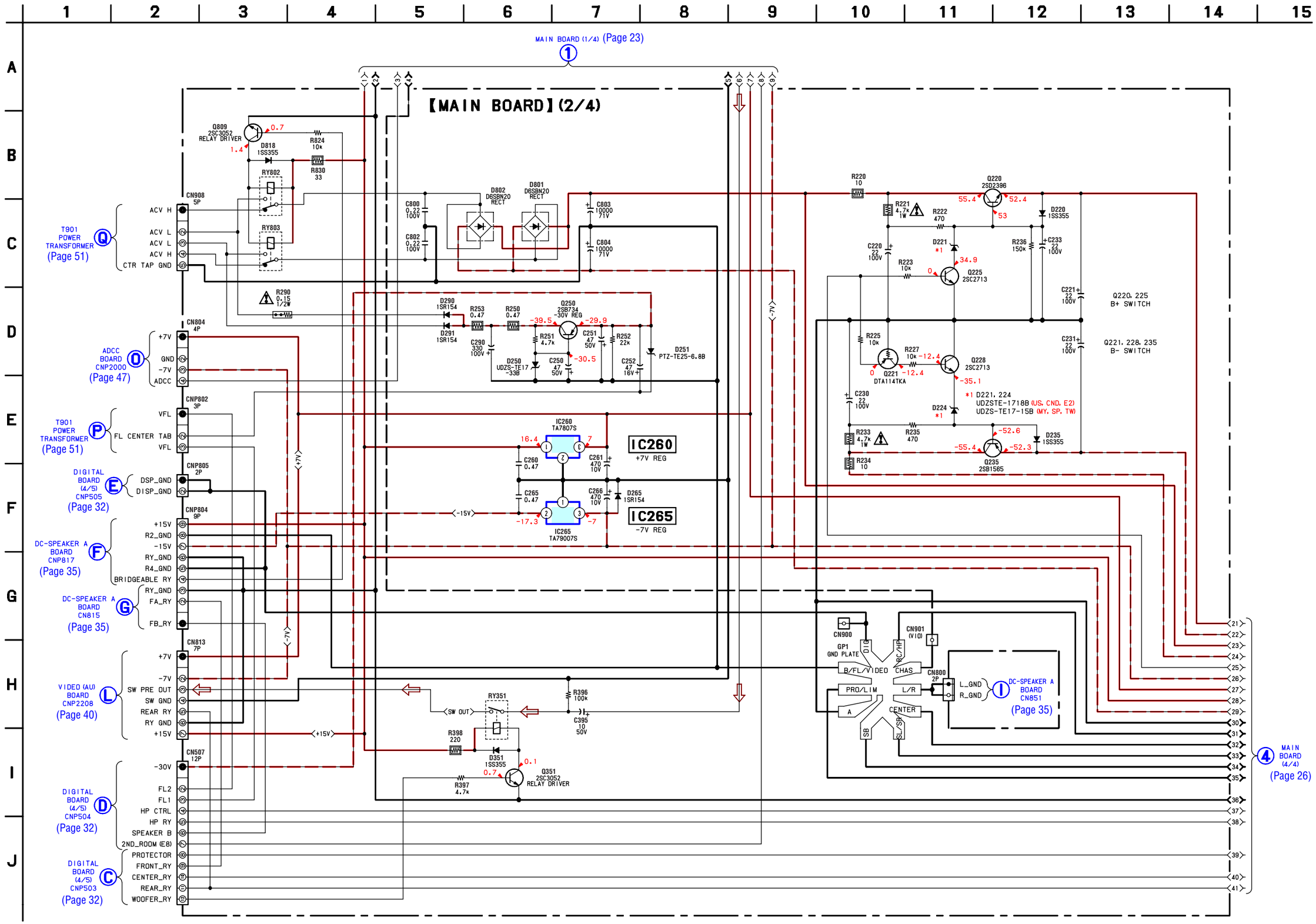
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D201	E-11	D265	D-6	D526	F-8	D801	D-10	IC600	E-6	Q235	E-9	Q424	G-4	Q521	G-8	Q575	G-4	Q671	G-7	Q724	G-11
D202	E-12	D290	C-11	D575	F-5	D802	D-10	IC700	E-7	Q240	C-7	Q425	G-3	Q522	G-8	Q576	G-5	Q672	G-6	Q725	G-10
D203	F-11	D291	D-11	D576	F-5	D818	E-11			Q250	D-7	Q426	G-4	Q523	G-8	Q577	F-5	Q673	G-6	Q726	G-11
D204	E-11	D300	C-6	D600	B-10			Q200	E-11	Q255	E-11	Q427	F-3	Q524	G-8	Q600	B-10	Q674	G-7	Q727	F-10
D220	F-9	D351	C-6	D625	F-9	IC210	E-11	Q201	E-11	Q256	E-11	Q471	G-2	Q525	F-8	Q621	G-9	Q675	G-6	Q809	D-9
D221	F-9	D400	B-7	D626	F-9	IC260	D-6	Q202	F-11	Q300	C-7	Q472	G-2	Q526	G-8	Q622	G-9	Q676	G-7		
D224	E-9	D425	F-3	D675	F-6	IC265	D-6	Q210	E-11	Q351	C-6	Q473	G-2	Q527	F-8	Q623	G-9	Q677	F-6		
D235	E-9	D426	F-4	D676	F-6	IC301	B-3	Q220	F-9	Q400	B-7	Q474	G-3	Q571	G-5	Q624	G-10	Q700	B-9		
D240	C-7	D475	F-2	D700	B-8	IC400	E-3	Q221	F-9	Q421	G-4	Q475	F-2	Q572	G-5	Q625	G-9	Q721	G-11		
D250	D-7	D476	F-2	D725	F-10	IC401	D-4	Q225	F-9	Q422	G-4	Q476	G-2	Q573	G-5	Q626	G-9	Q722	G-11		
D251	D-7	D525	F-8	D726	F-11	IC500	E-4	Q228	F-9	Q423	G-3	Q477	F-2	Q574	G-5	Q627	F-9	Q723	G-10		

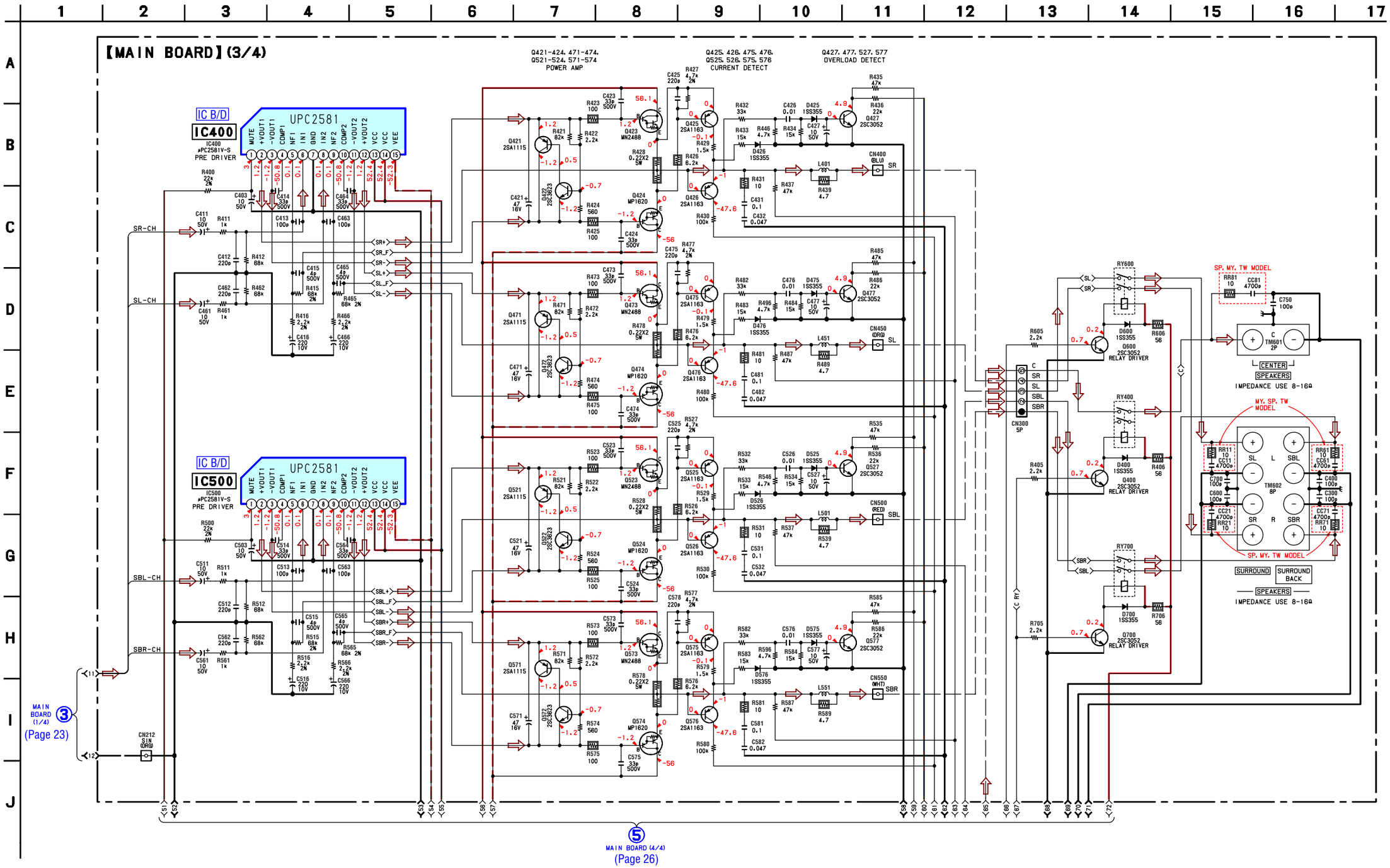
4-9. SCHEMATIC DIAGRAM — MAIN SECTION (1/4) —



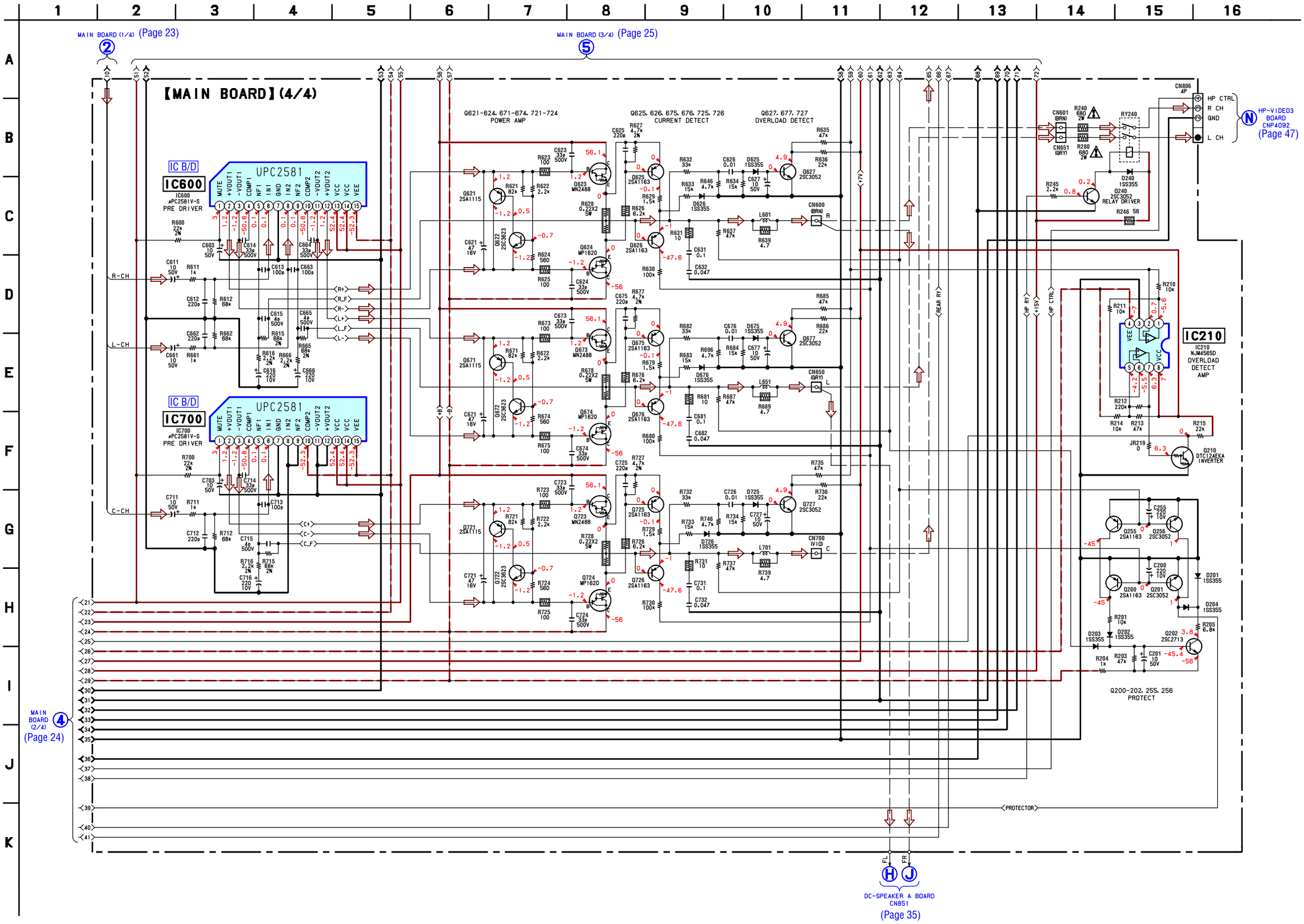
4-10. SCHEMATIC DIAGRAM — MAIN SECTION (2/4) —



4-11. SCHEMATIC DIAGRAM — MAIN SECTION (3/4) — • Refer to page 52 for IC Block Diagrams.

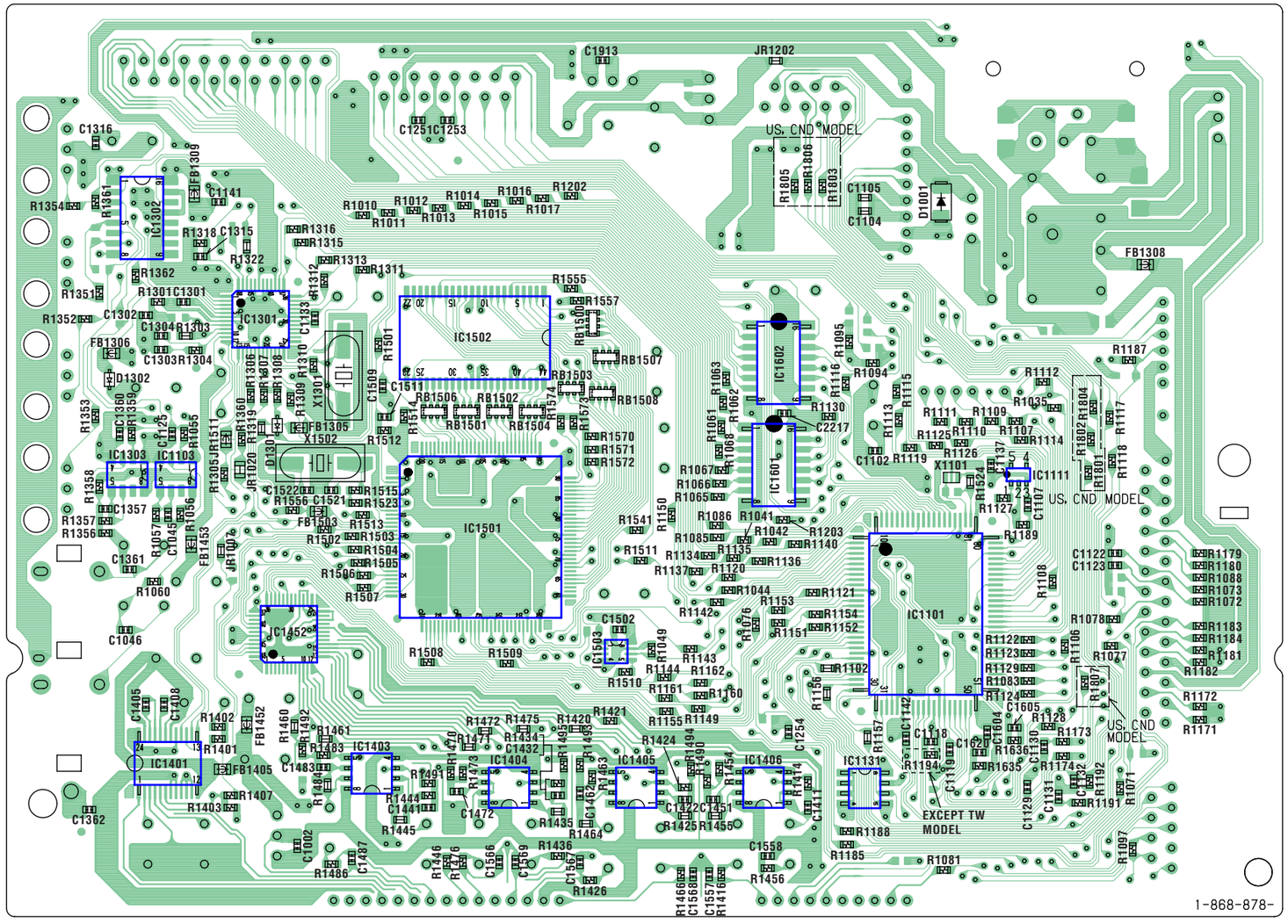


4-12. SCHEMATIC DIAGRAM — MAIN SECTION (4/4) — • Refer to page 52 for IC Block Diagrams.



4-13. PRINTED WIRING BOARD — DIGITAL SECTION (1/2) — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.

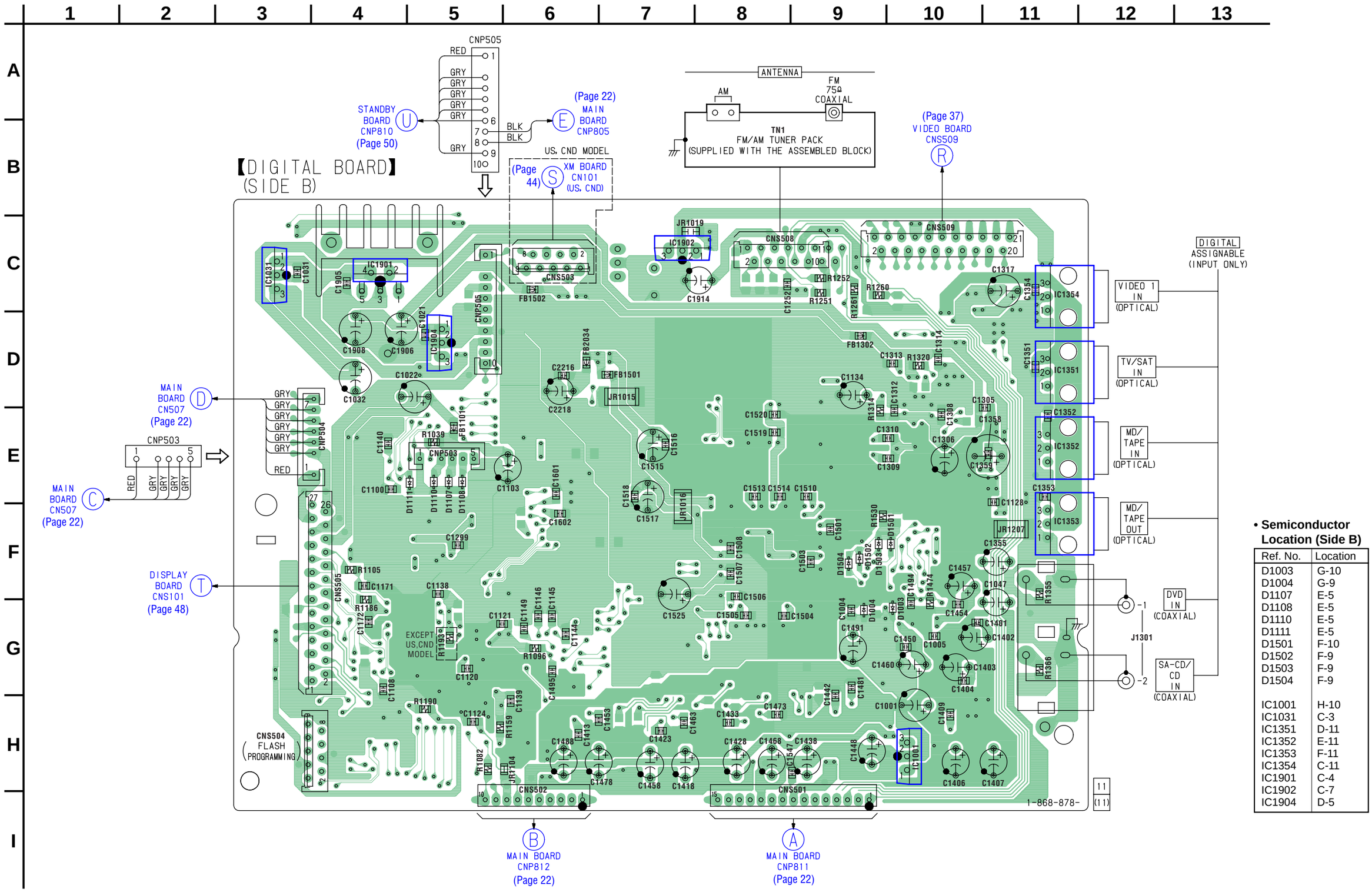
【DIGITAL BOARD】(SIDE A)



• **Semiconductor Location (Side A)**

Ref. No.	Location
D1001	D-5
D1301	E-10
D1302	E-11
IC1101	G-5
IC1103	F-10
IC1111	F-4
IC1131	H-6
IC1301	E-10
IC1302	D-11
IC1303	F-11
IC1401	H-10
IC1403	H-9
IC1404	H-8
IC1405	H-7
IC1406	H-6
IC1452	G-10
IC1501	F-8
IC1502	E-8
IC1503	G-7
IC1601	F-6
IC1602	E-6

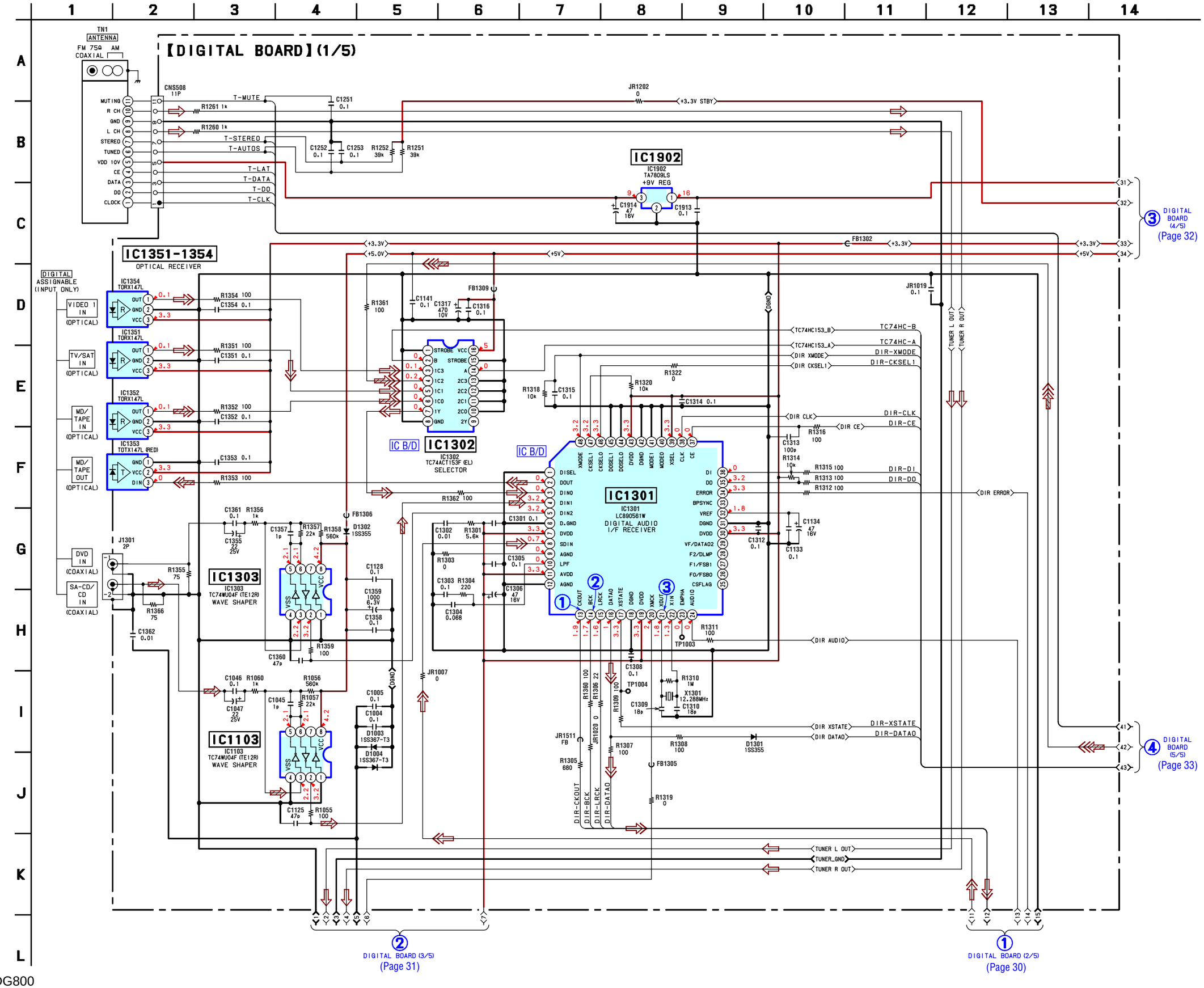
4-14. PRINTED WIRING BOARD — DIGITAL SECTION (2/2) — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



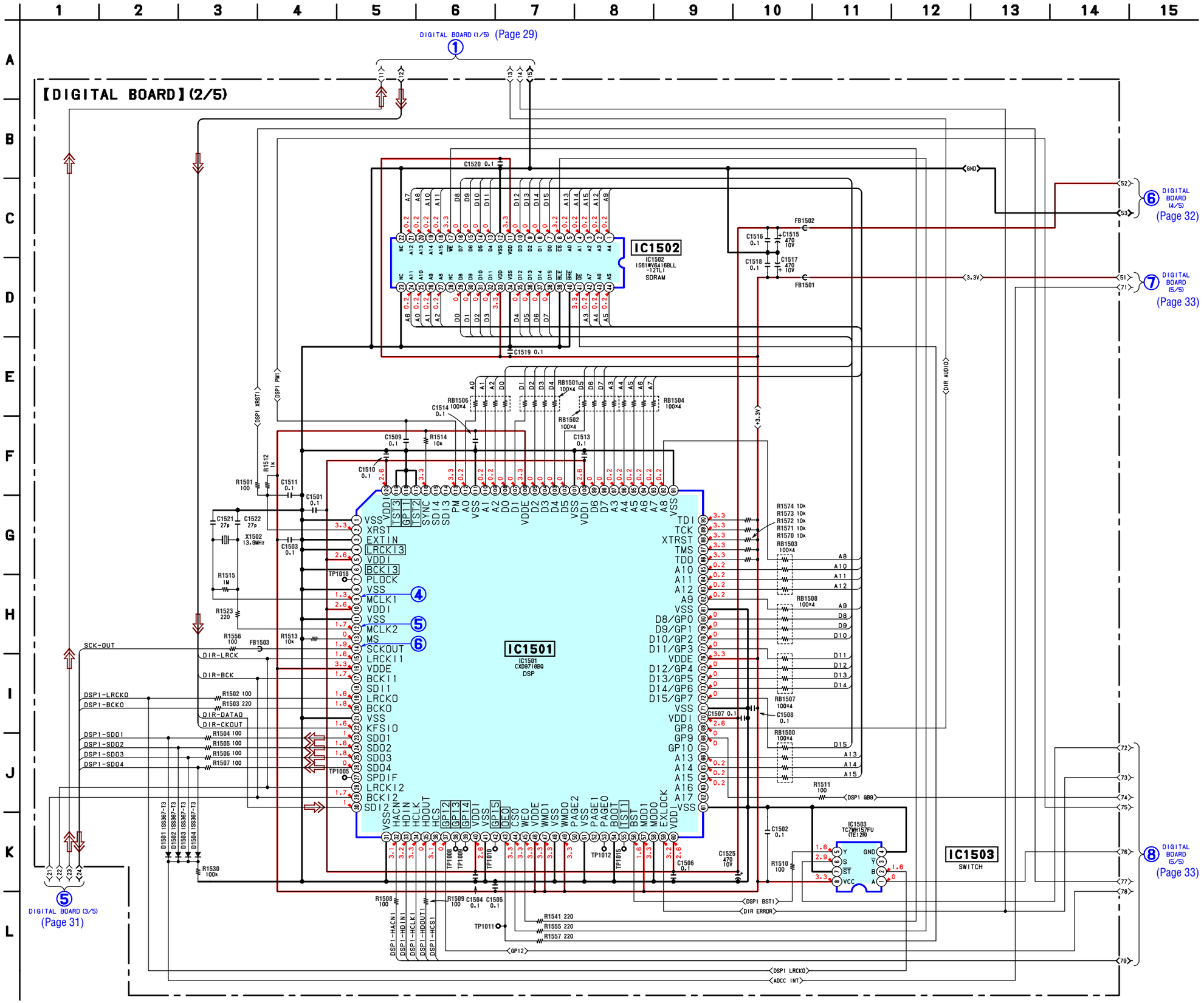
- **Semiconductor Location (Side B)**

Ref. No.	Location
D1003	G-10
D1004	G-9
D1107	E-5
D1108	E-5
D1110	E-5
D1111	E-5
D1501	F-10
D1502	F-9
D1503	F-9
D1504	F-9
IC1001	H-10
IC1031	C-3
IC1351	D-11
IC1352	E-11
IC1353	F-11
IC1354	C-11
IC1901	C-4
IC1902	C-7
IC1904	D-5

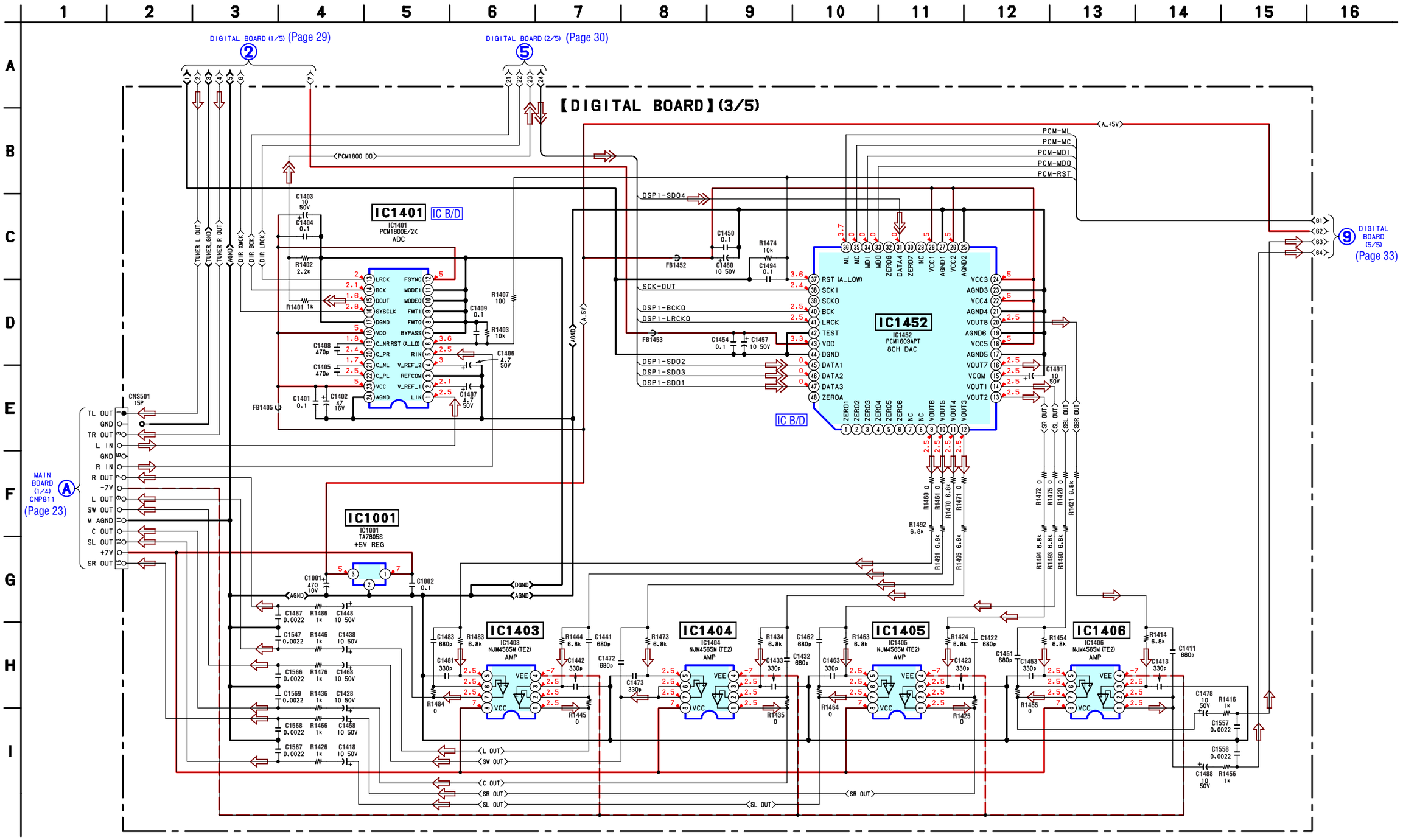
4-15. SCHEMATIC DIAGRAM — DIGITAL SECTION (1/5) — • Refer to page 52 for Waveforms and IC Block Diagrams.



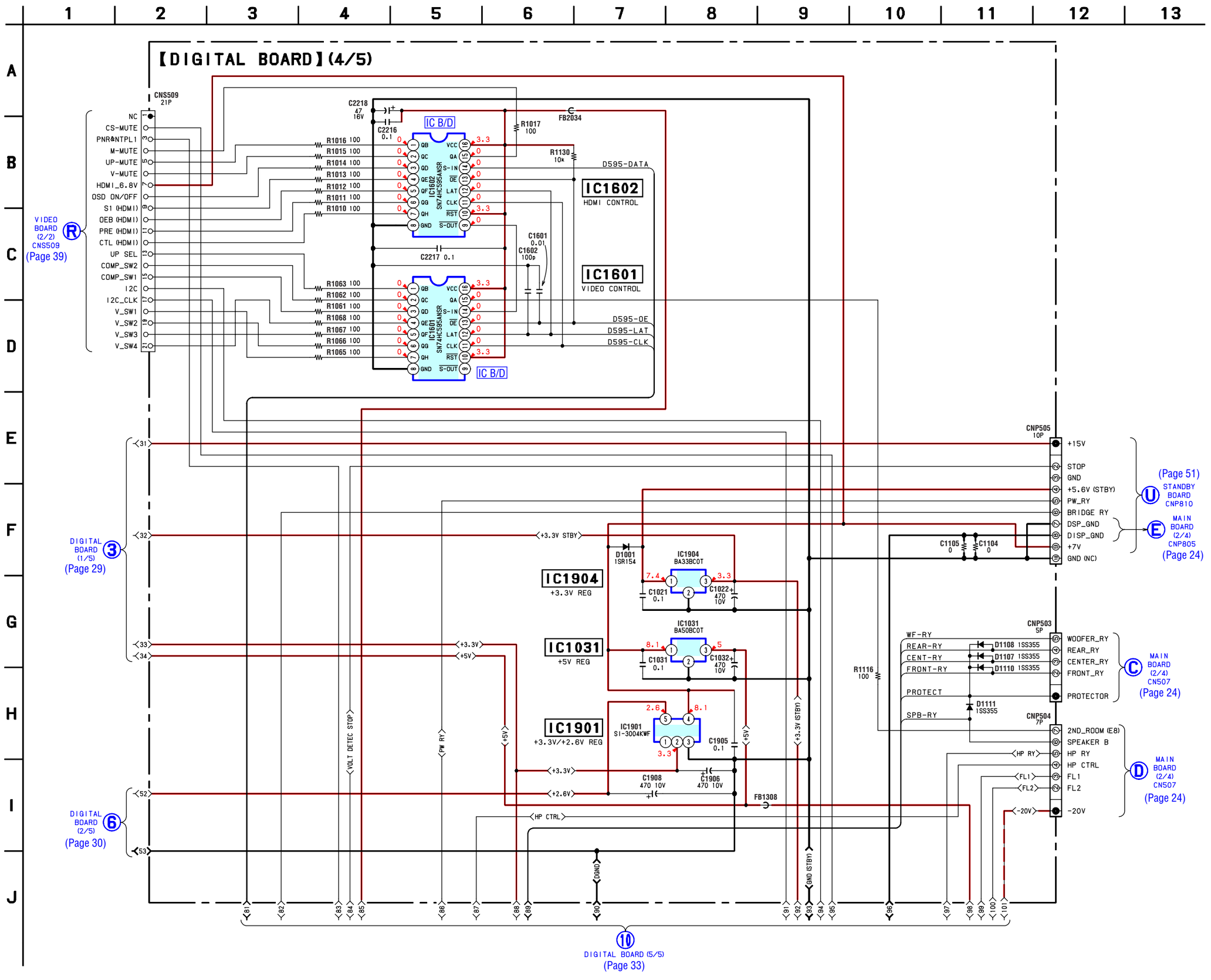
4-16. SCHEMATIC DIAGRAM — DIGITAL SECTION (2/5) — • Refer to page 52 for Waveforms and page 60 for IC Pin Descriptions.



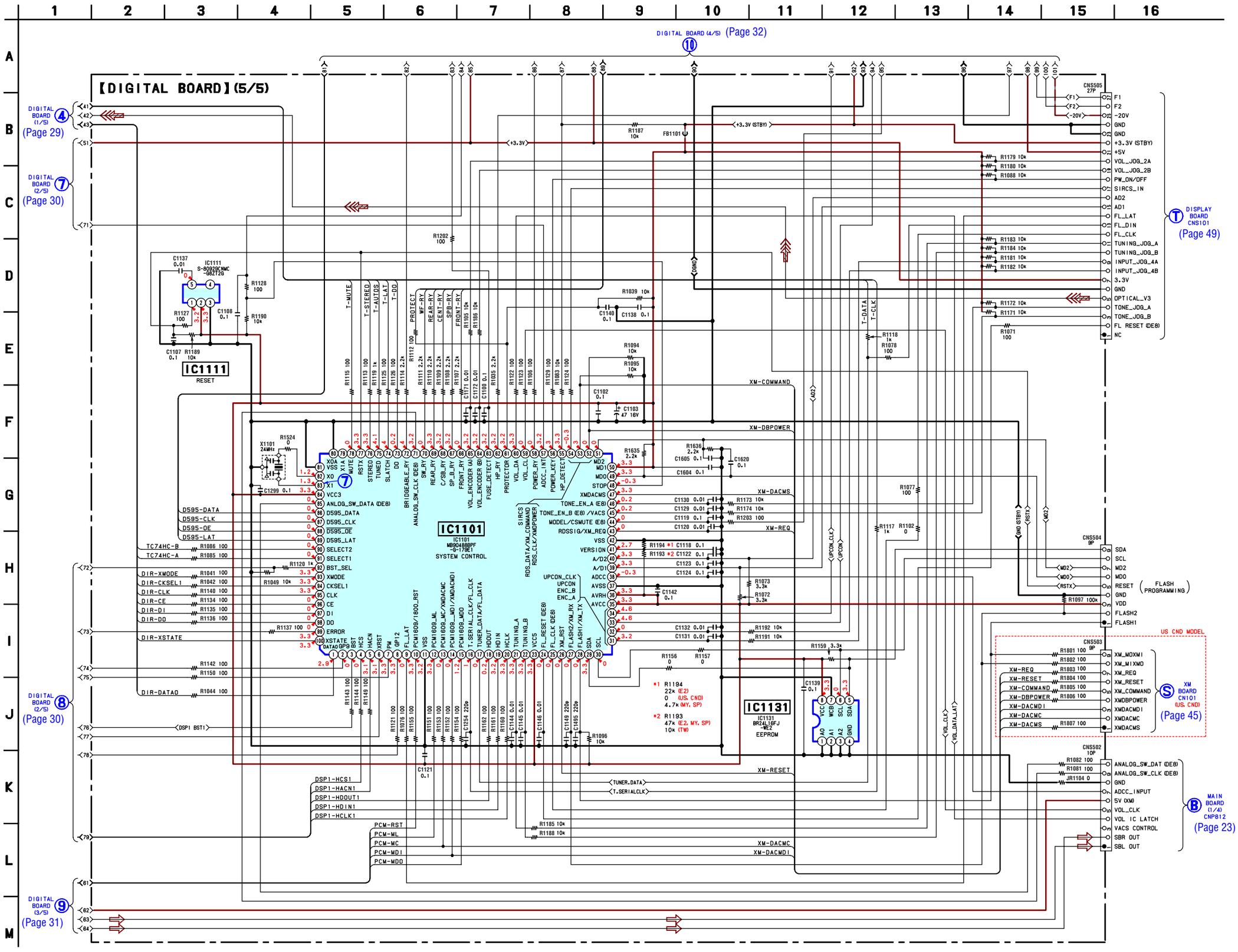
4-17. SCHEMATIC DIAGRAM — DIGITAL SECTION (3/5) — • Refer to page 53 for IC Block Diagrams.



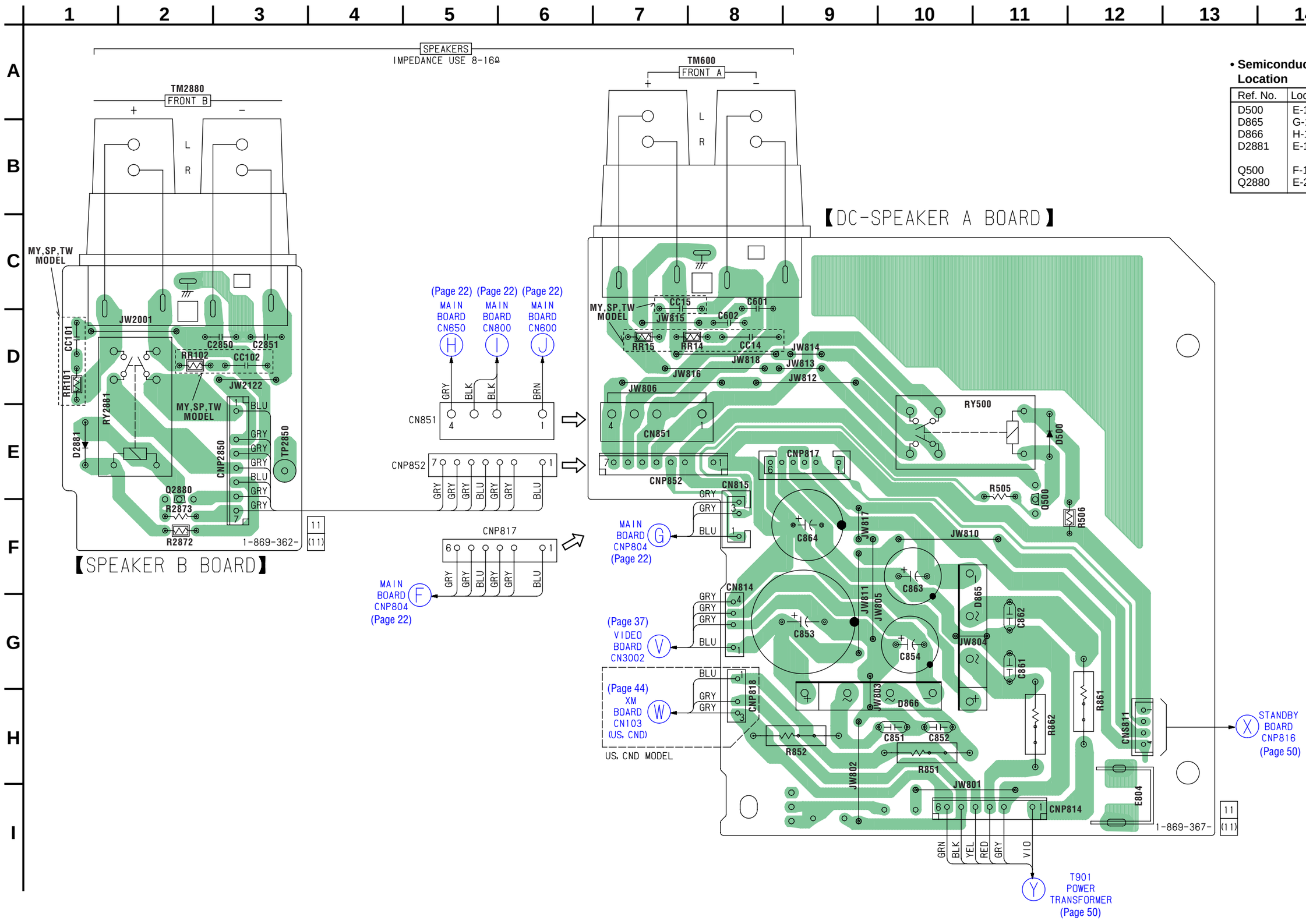
4-18. SCHEMATIC DIAGRAM — DIGITAL SECTION (4/5) — • Refer to page 54 for IC Block Diagrams.



4-19. SCHEMATIC DIAGRAM — DIGITAL SECTION (5/5) — • Refer to page 52 for Waveforms and page 62 for IC Pin Descriptions.



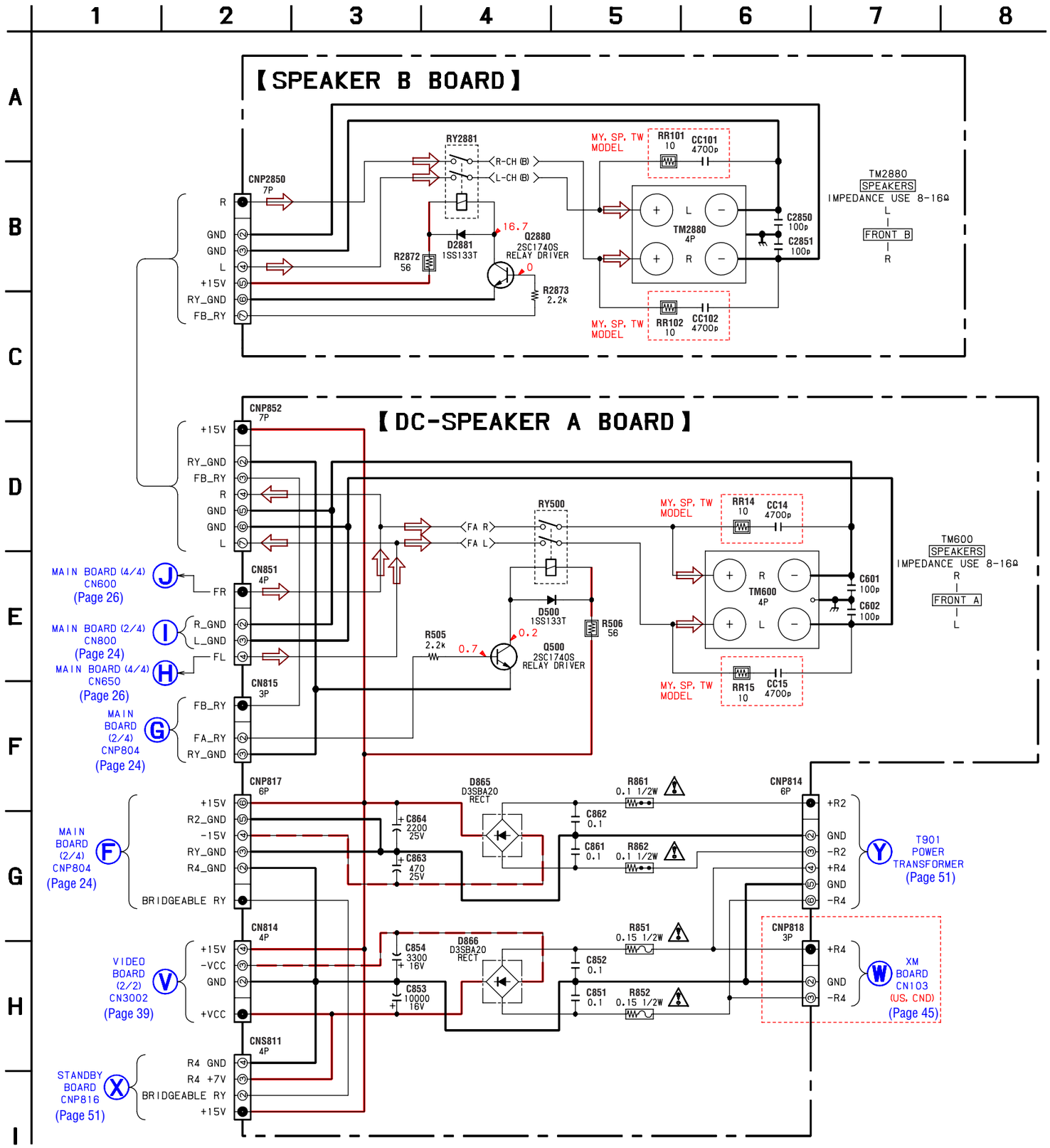
4-20. PRINTED WIRING BOARDS — FRONT A/B SPEAKER SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



• **Semiconductor Location**

Ref. No.	Location
D500	E-11
D865	G-10
D866	H-10
D2881	E-1
Q500	F-11
Q2880	E-2

4-21. SCHEMATIC DIAGRAM — FRONT A/B SPEAKER SECTION —



4-22. PRINTED WIRING BOARD — VIDEO SECTION (1/2) —

• Refer to page 21 for Circuit Boards Location.

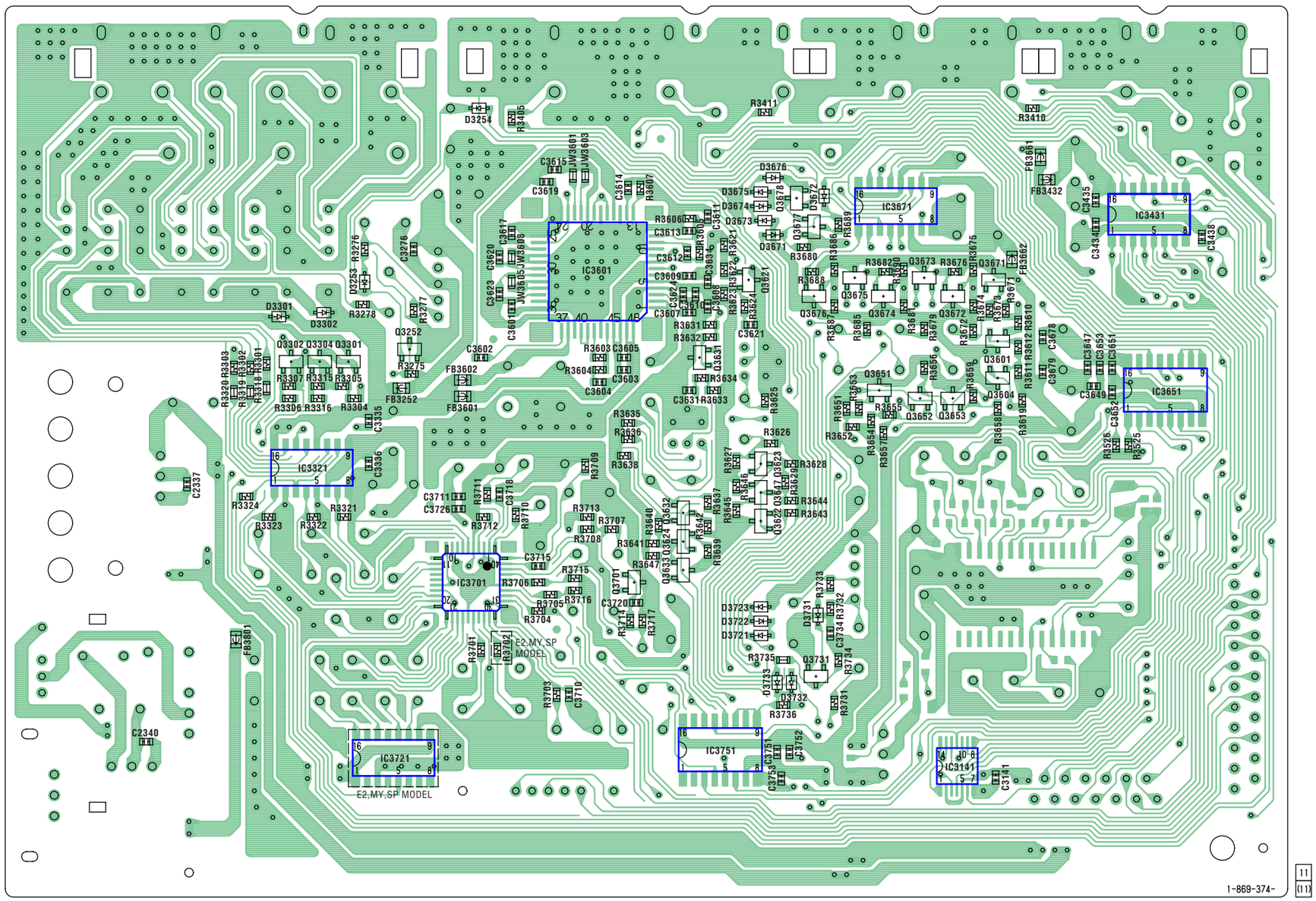
: Uses unleaded solder.

• **Semiconductor Location (Side A)**

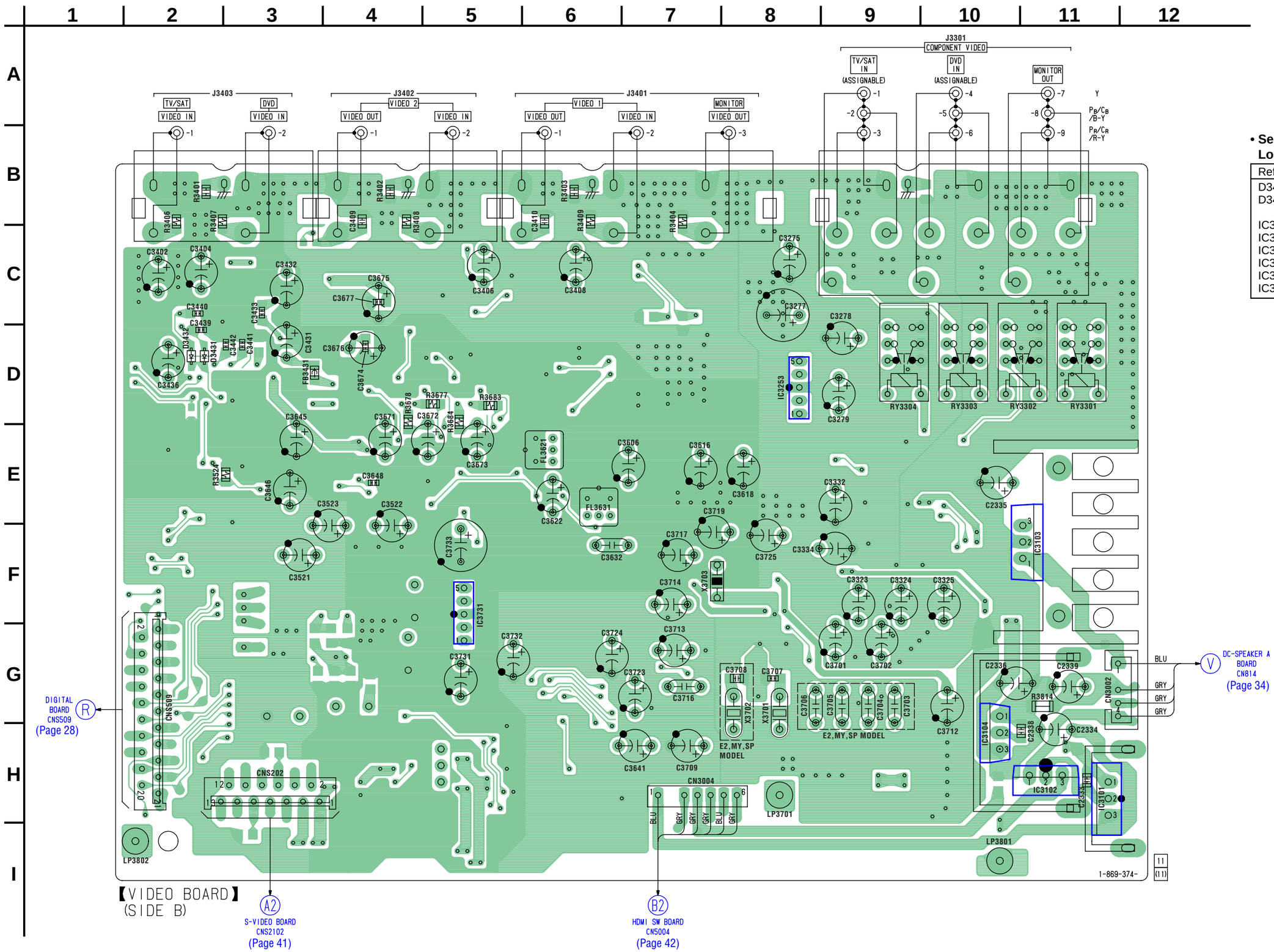
Ref. No.	Location
D3253	D-9
D3254	C-8
D3301	D-10
D3302	D-9
D3671	D-6
D3672	C-5
D3673	D-6
D3674	D-6
D3675	C-6
D3676	C-6
D3721	G-6
D3722	G-6
D3723	G-6
D3731	G-5
D3732	G-5
D3733	G-6
IC3141	H-4
IC3321	F-9
IC3431	D-3
IC3601	D-7
IC3651	E-2
IC3671	D-5
IC3701	G-8
(IC3721)	H-9
IC3751	H-6
Q3252	E-9
Q3301	E-9
Q3302	E-9
Q3304	E-9
Q3601	E-4
Q3604	E-4
Q3621	D-6
Q3622	F-6
Q3623	F-6
Q3624	F-6
Q3631	E-6
Q3632	F-6
Q3633	F-6
Q3647	F-6
Q3651	E-5
Q3652	E-4
Q3653	E-4
Q3671	D-4
Q3672	D-4
Q3673	D-4
Q3674	D-5
Q3675	D-5
Q3676	D-5
Q3677	D-5
Q3678	C-5
Q3701	G-7
Q3731	G-5

( ) : E2 model

【VIDEO BOARD】(SIDE A)



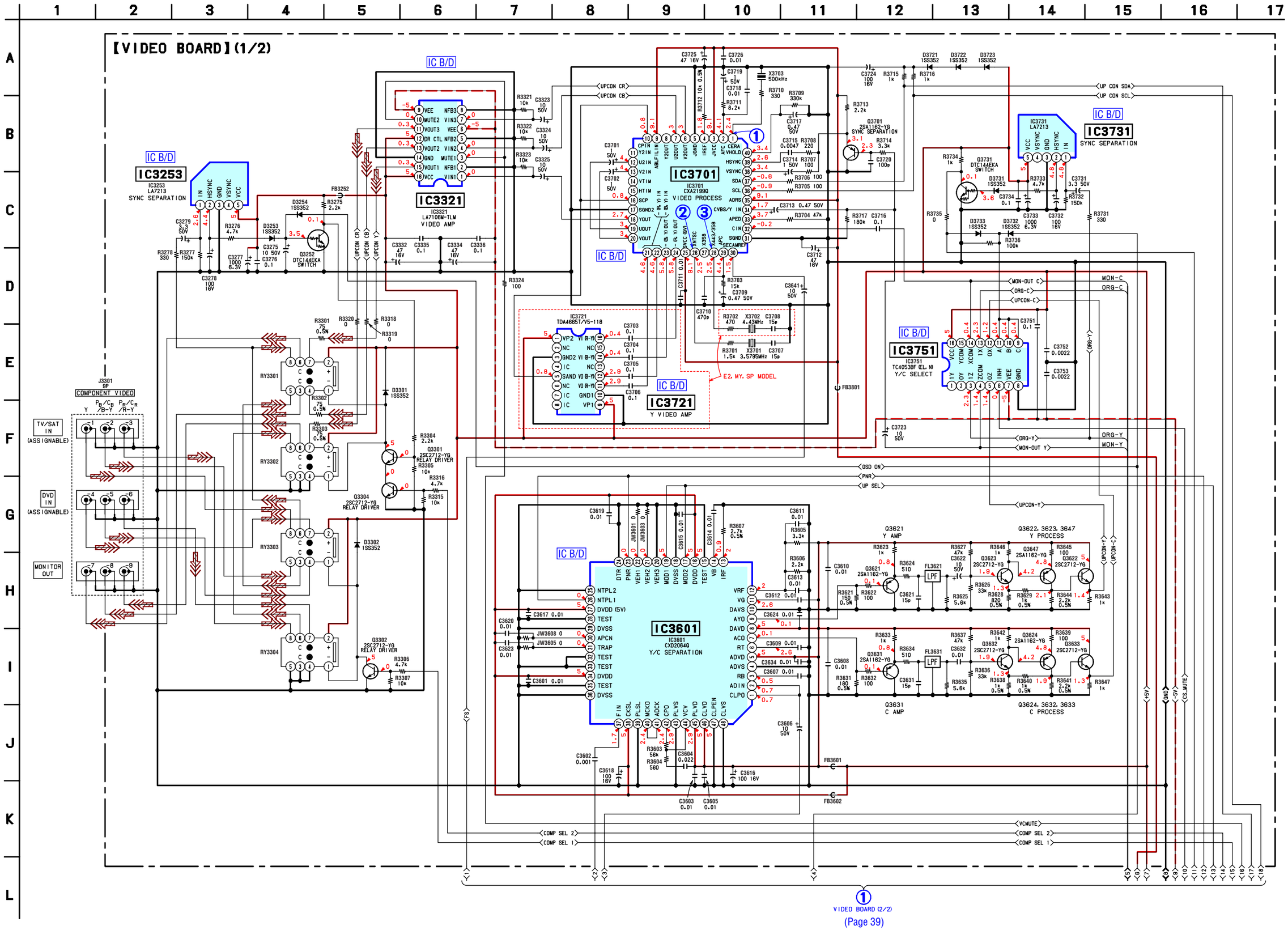
4-23. PRINTED WIRING BOARD — VIDEO SECTION (2/2) — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



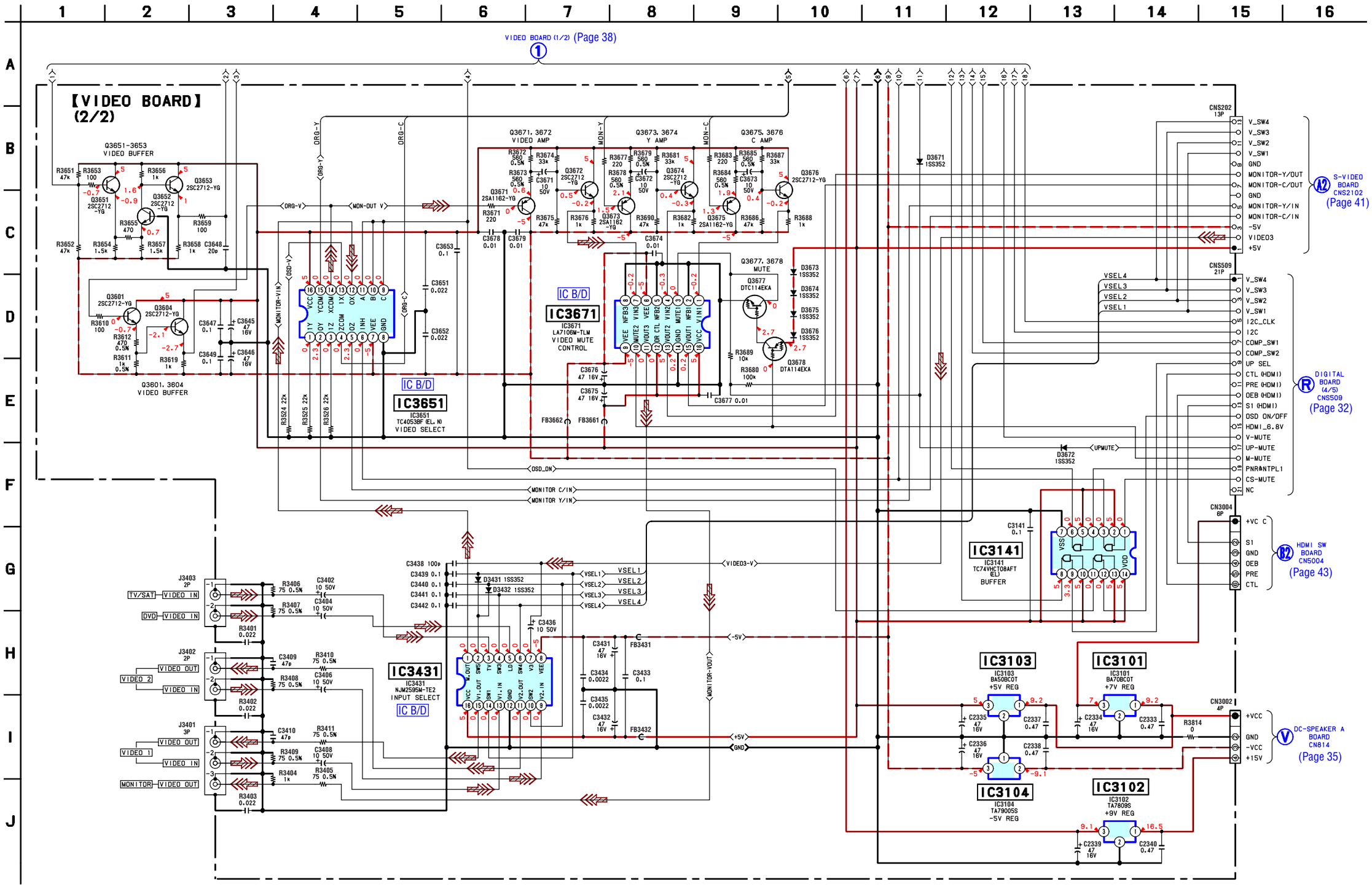
• **Semiconductor Location (Side B)**

Ref. No.	Location
D3431	D-2
D3432	D-2
IC3101	H-11
IC3102	H-11
IC3103	F-11
IC3104	H-10
IC3253	D-8
IC3731	F-5

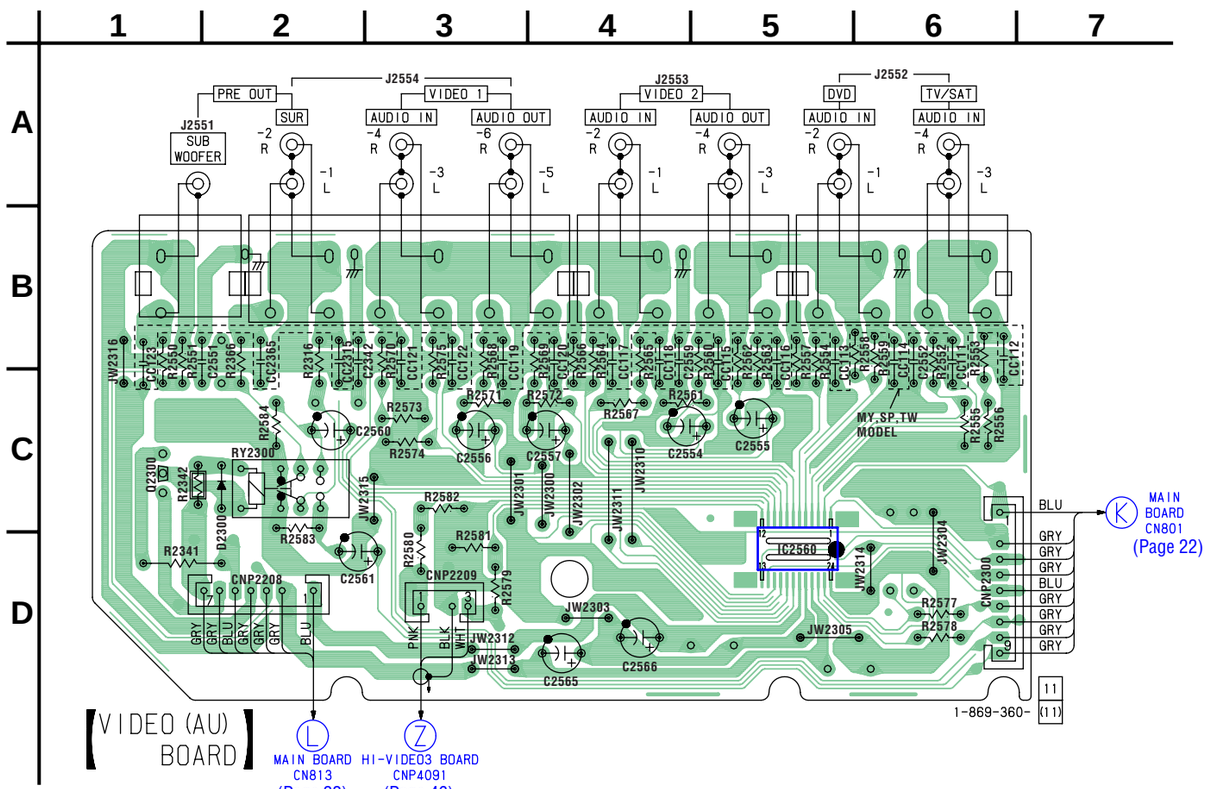
4-24. SCHEMATIC DIAGRAM — VIDEO SECTION (1/2) — • Refer to page 52 for Waveforms and page 54 for IC Block Diagrams.



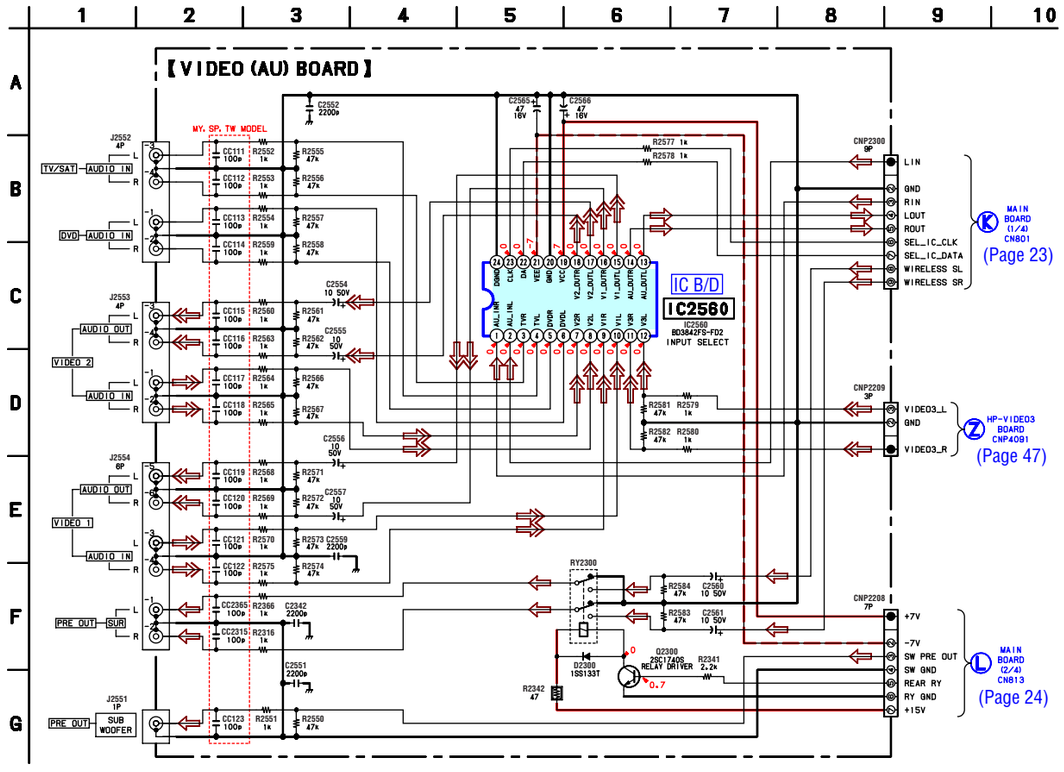
4-25. SCHEMATIC DIAGRAM — VIDEO SECTION (2/2) — • Refer to page 55 for IC Block Diagrams.



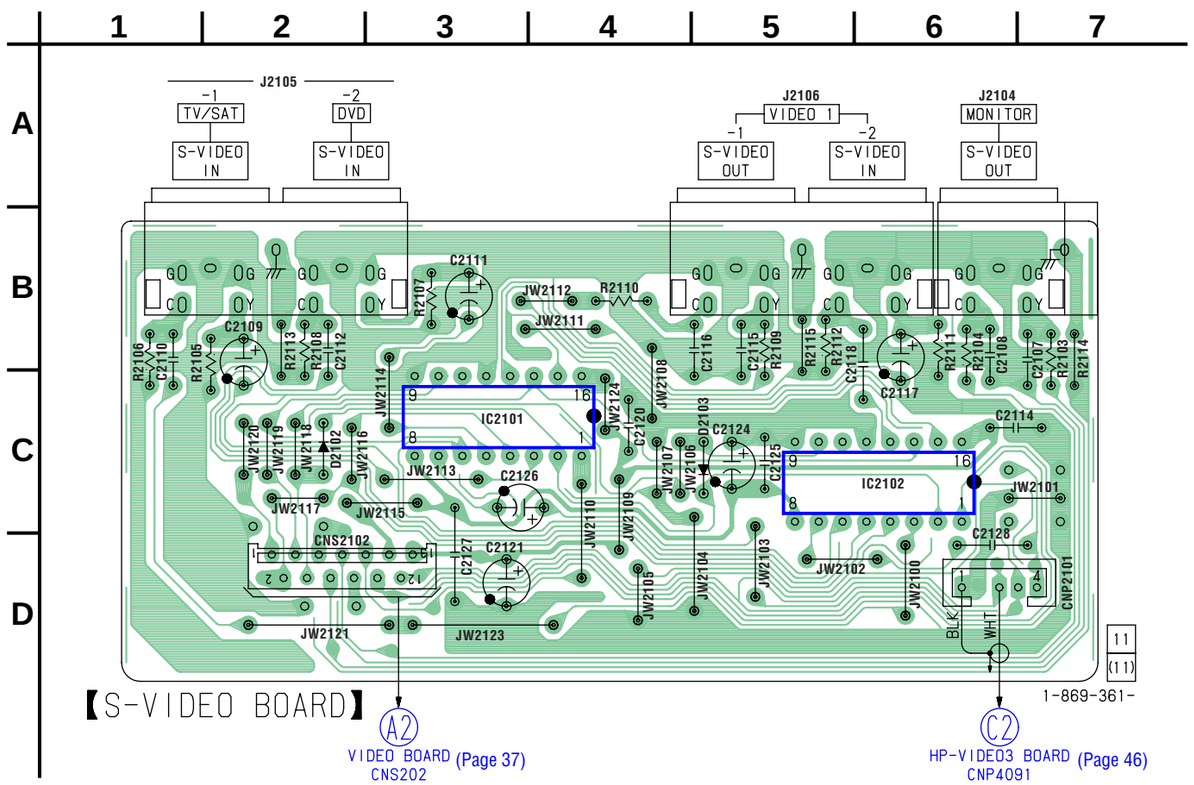
4-26. PRINTED WIRING BOARD — VIDEO (AUDIO) SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



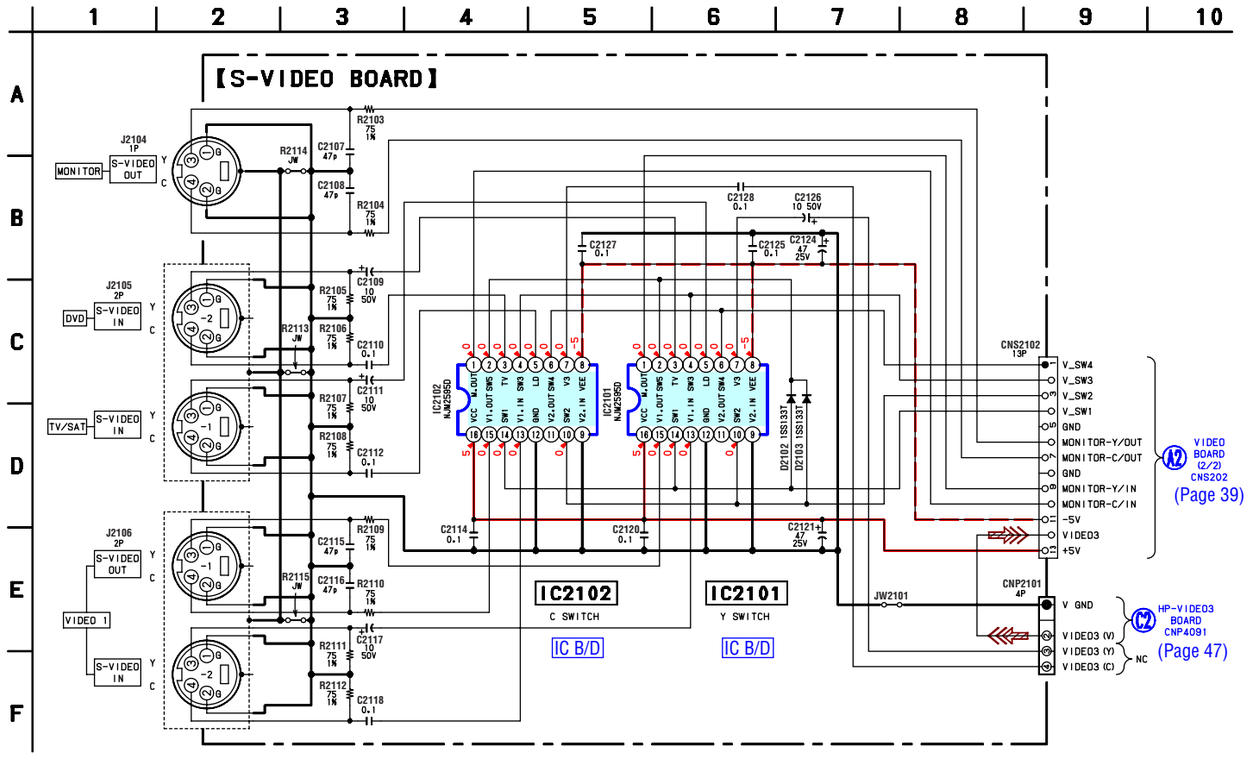
4-27. SCHEMATIC DIAGRAM — VIDEO (AUDIO) SECTION — • Refer to page 58 for IC Block Diagrams.



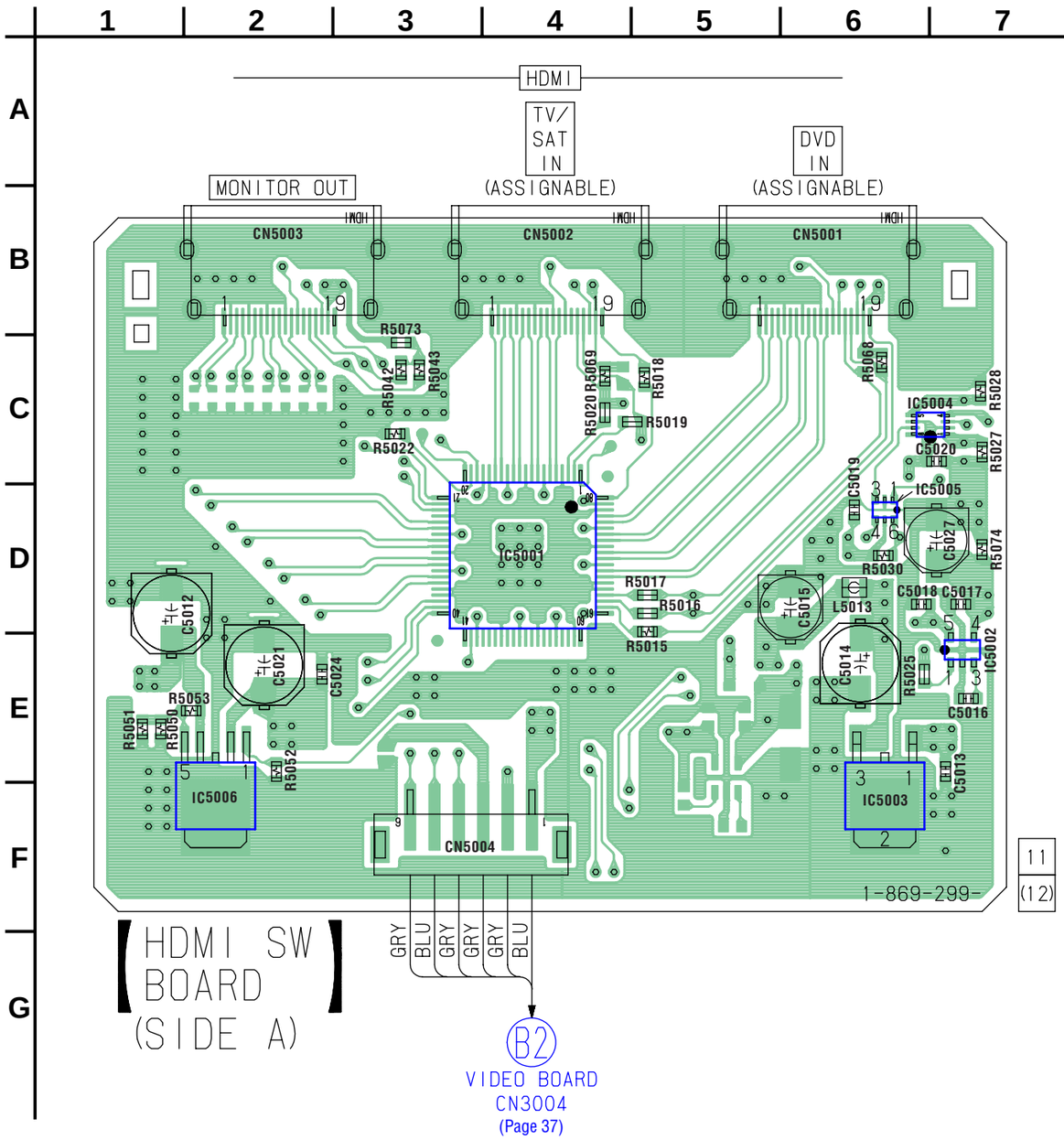
4-28. PRINTED WIRING BOARD — S-VIDEO SECTION — **• Refer to page 21 for Circuit Boards Location.** **: Uses unleaded solder.**

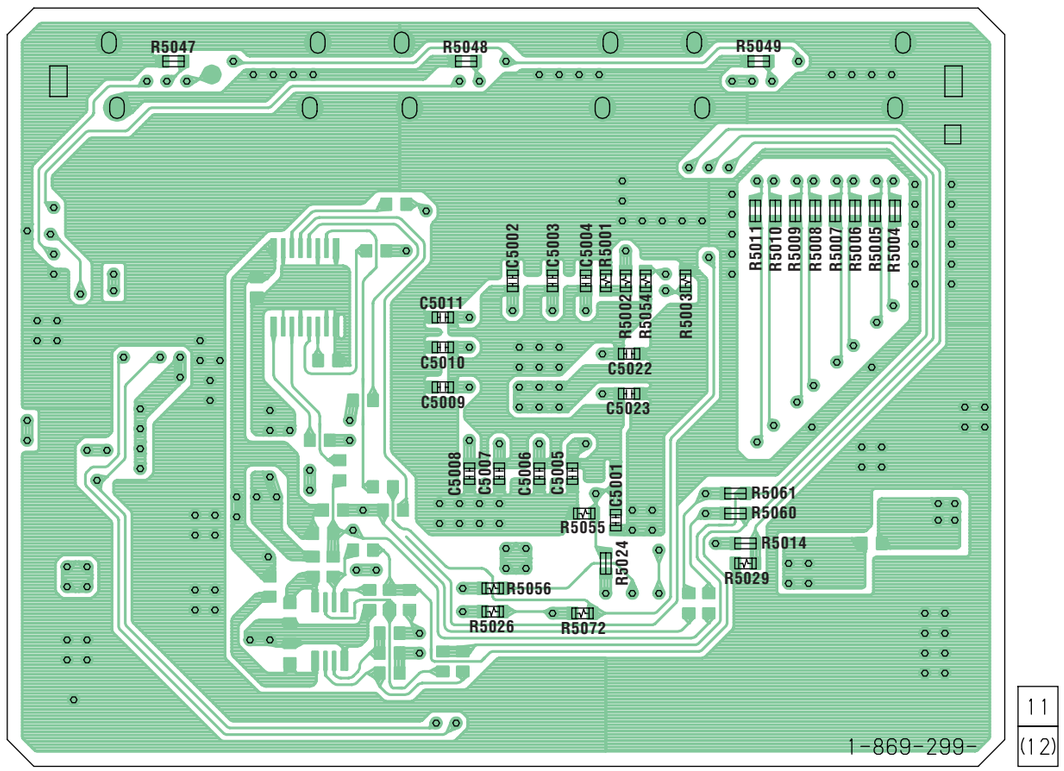


4-29. SCHEMATIC DIAGRAM — S-VIDEO SECTION — **• Refer to page 58 for IC Block Diagrams.**



4-30. PRINTED WIRING BOARD — HDMI SECTION — • Refer to page 21 for Circuit Boards Location. **: Uses unleaded solder.**

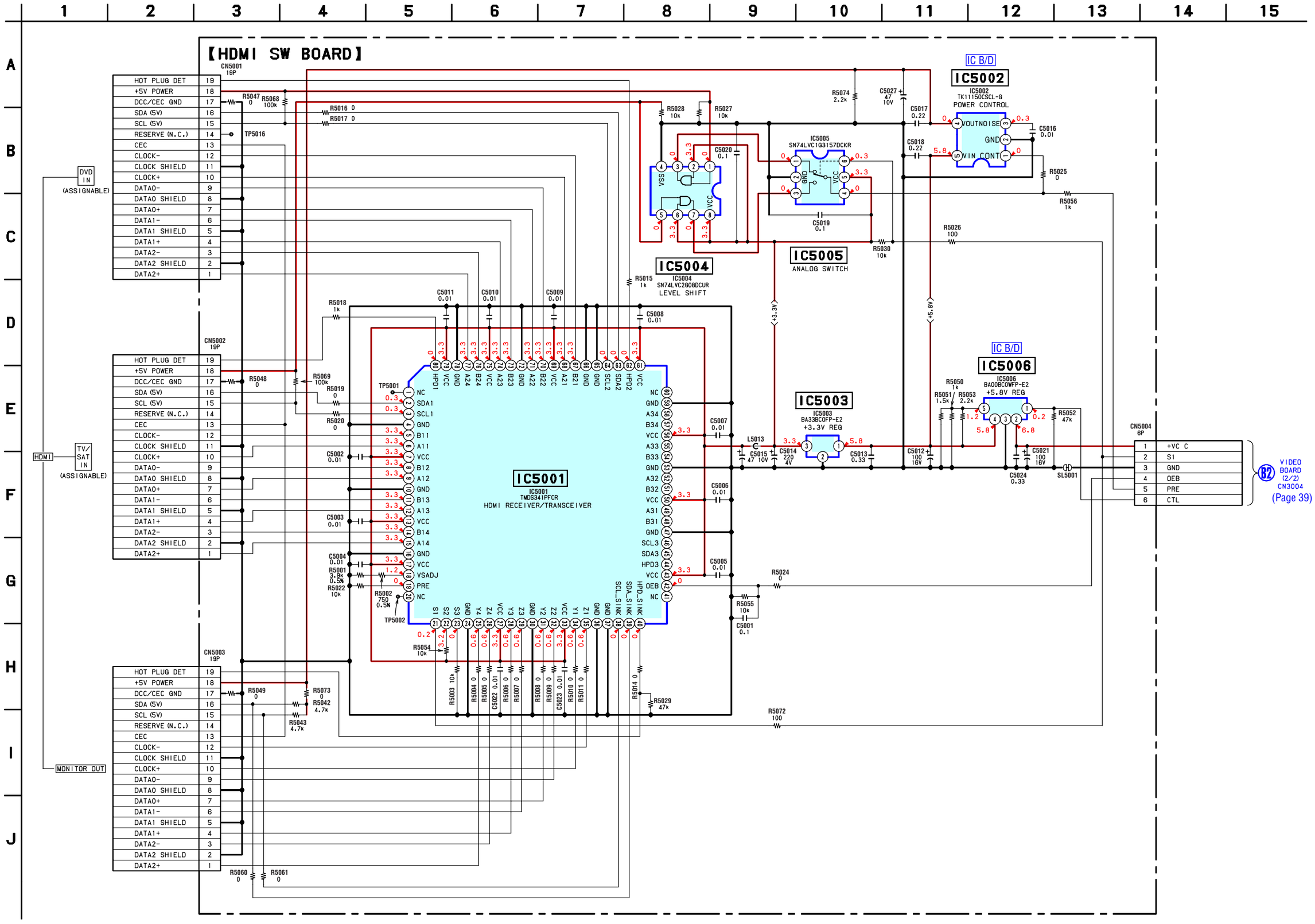




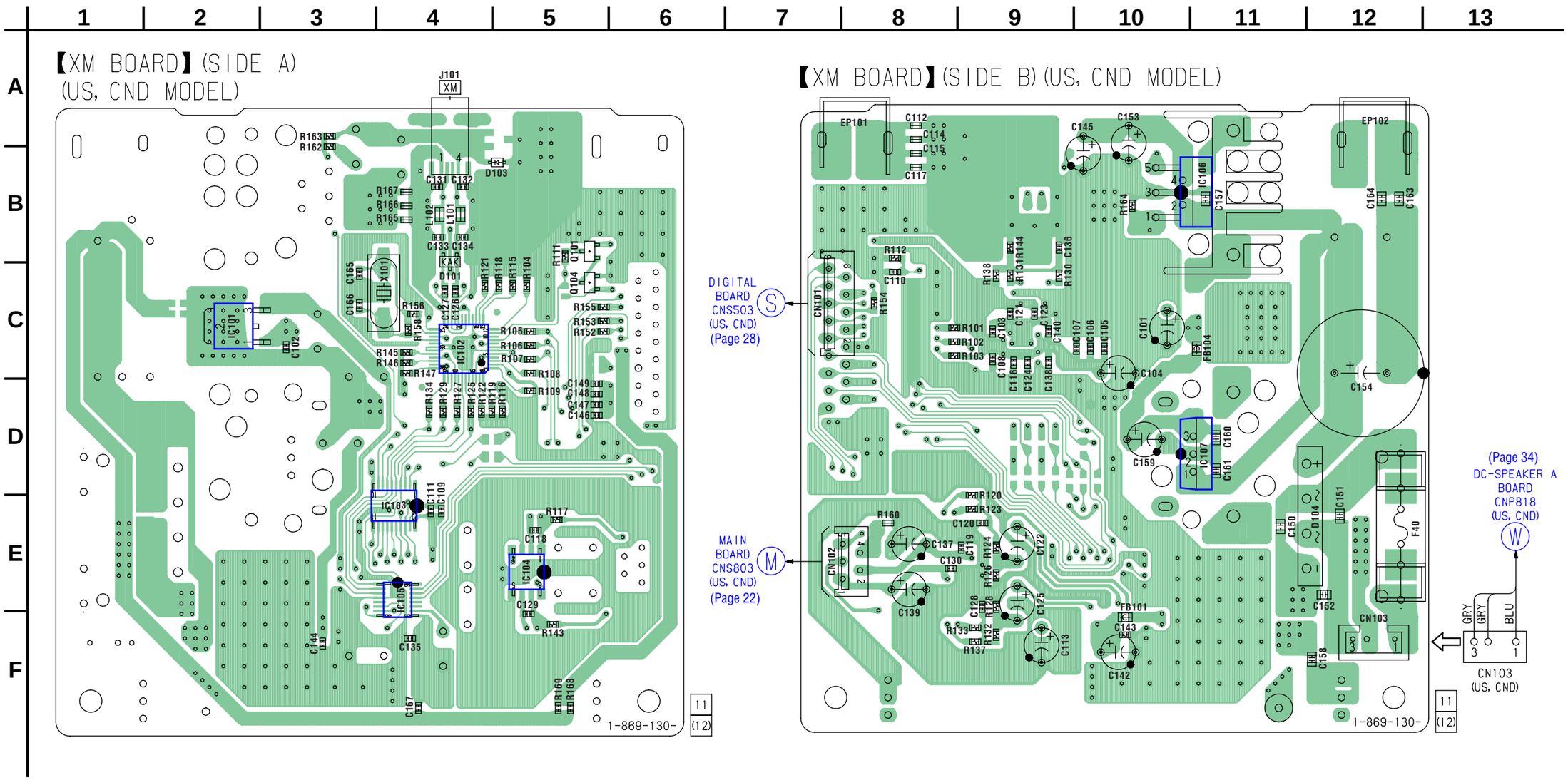
- **Semiconductor Location**

Ref. No.	Location
IC5001	D-4
IC5002	E-7
IC5003	F-6
IC5004	C-7
IC5005	D-6
IC5006	F-2

4-31. SCHEMATIC DIAGRAM — HDMI SECTION — • Refer to page 58 for IC Block Diagrams and page 64 for IC Pin Descriptions.



4-32. PRINTED WIRING BOARD — XM SECTION (US, CND MODEL) — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.

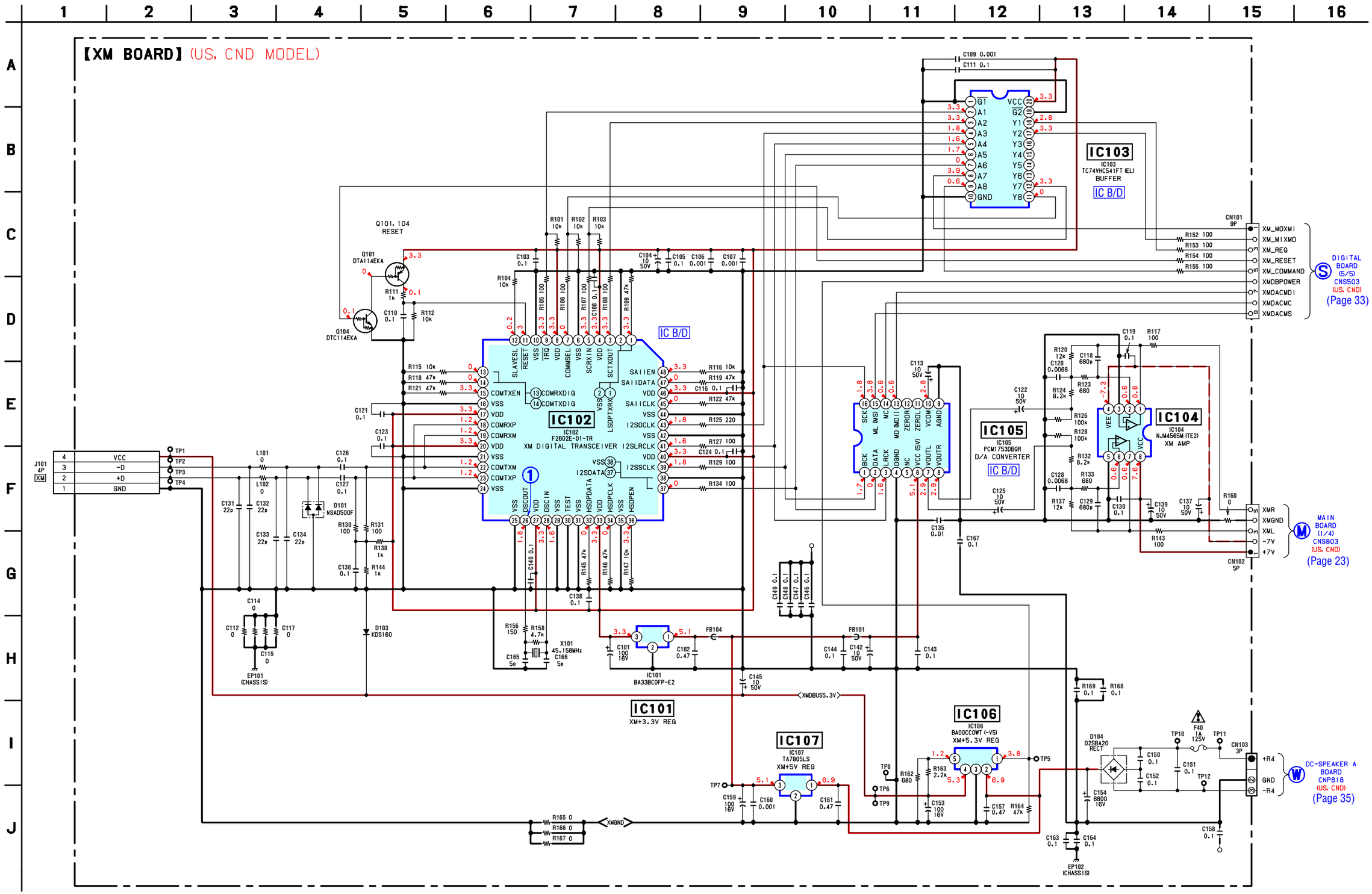


- **Semiconductor Location**

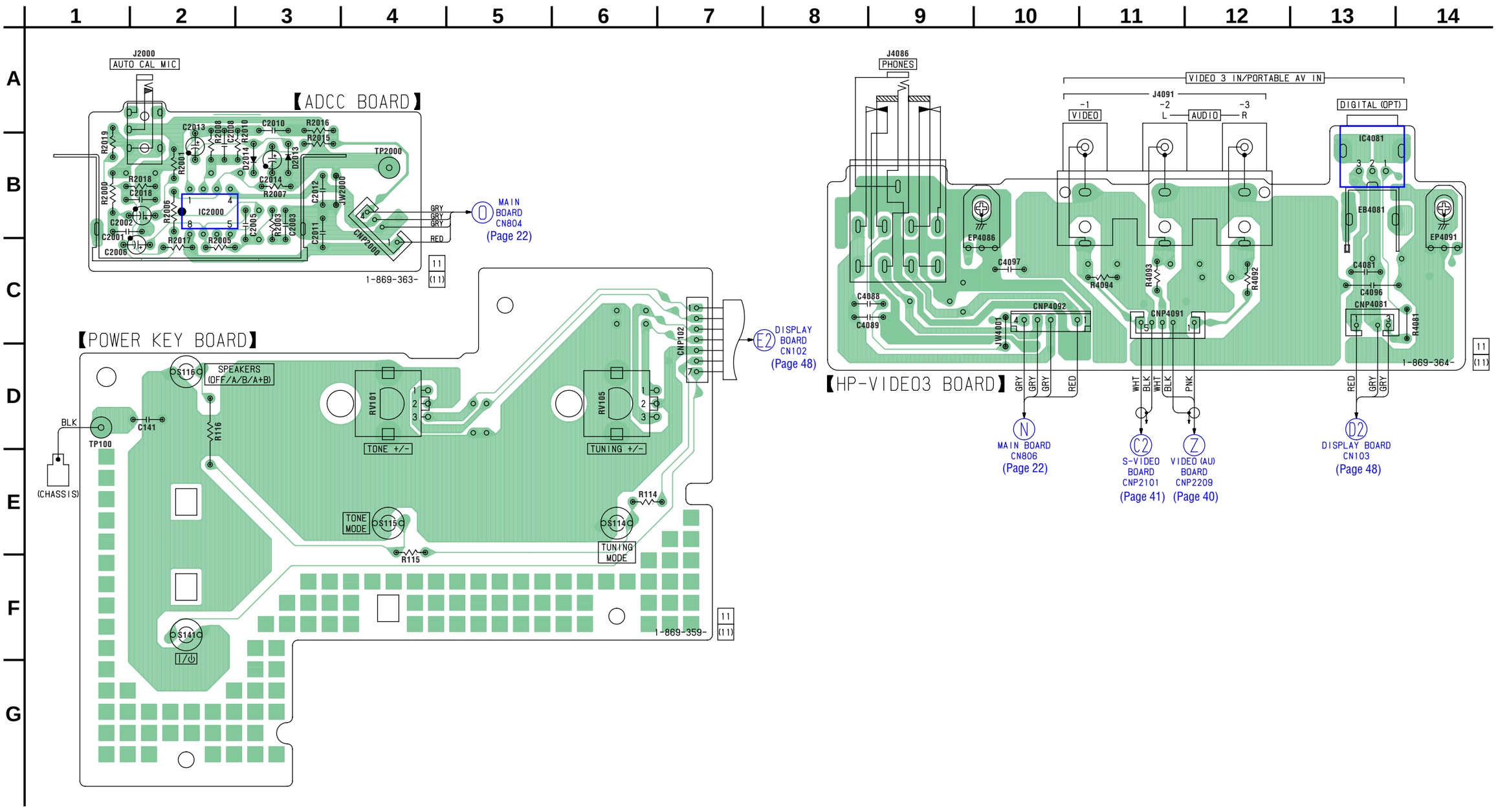
Ref. No.	Location
D101	C-4
D103	B-5
(D104)	E-12
IC101	C-2
IC102	C-4
IC103	E-4
IC104	E-5
IC105	E-4
(IC106)	B-11
(IC107)	D-11
Q101	B-5
Q104	C-5

( ) : SIDE B

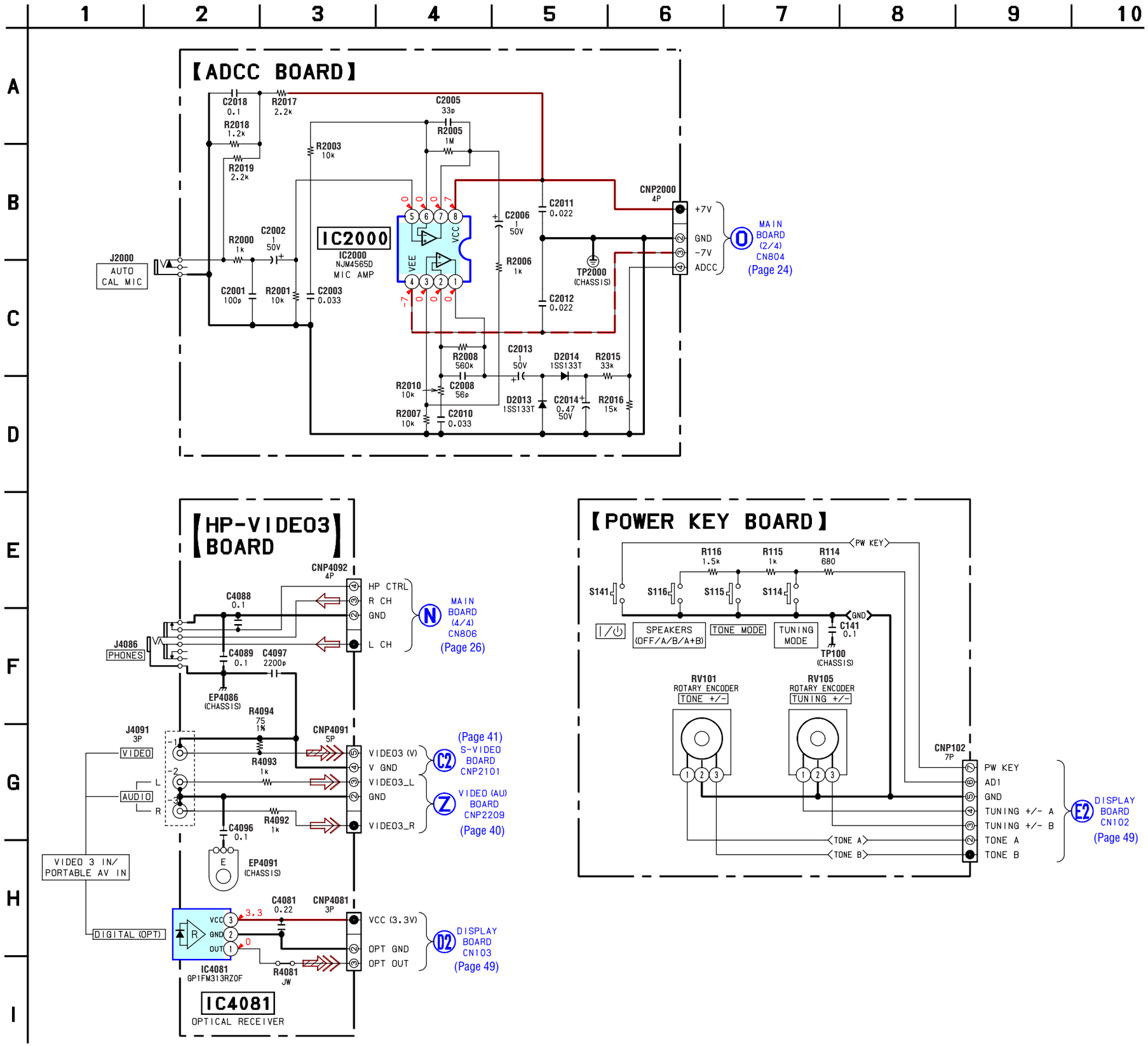
4-33. SCHEMATIC DIAGRAM — XM SECTION (US, CND MODEL) — • Refer to page 52 for Waveform and page 59 for IC Block Diagrams.



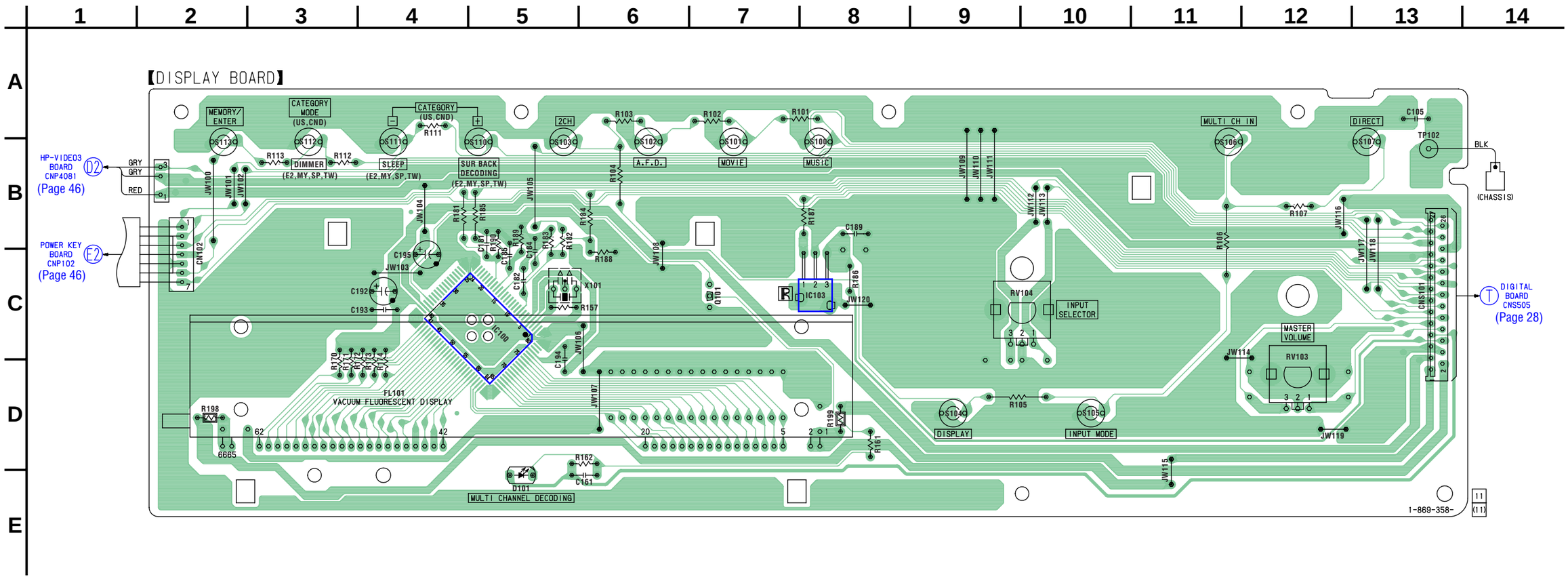
4-34. PRINTED WIRING BOARDS — PANEL SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



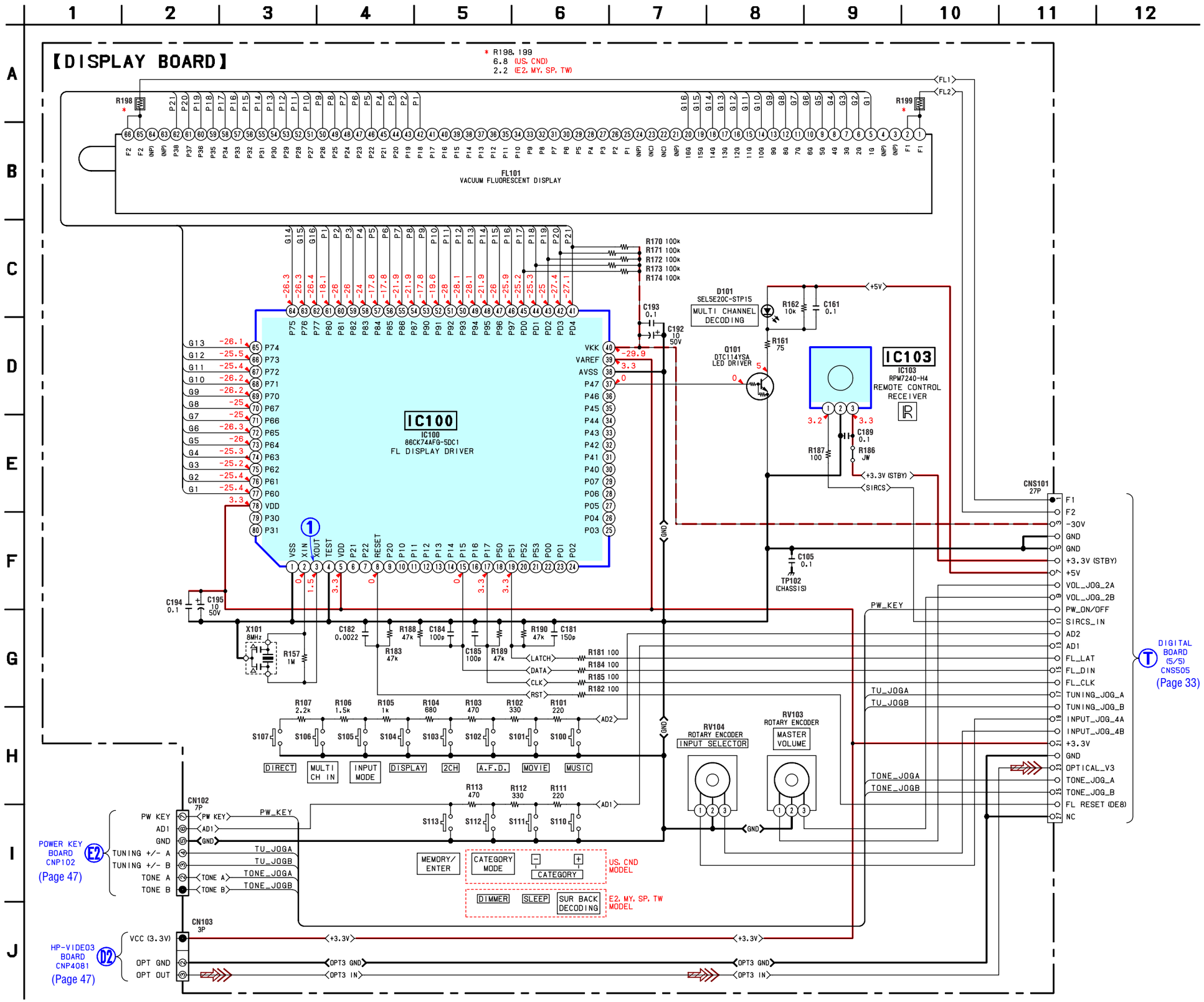
4-35. SCHEMATIC DIAGRAM — PANEL SECTION —



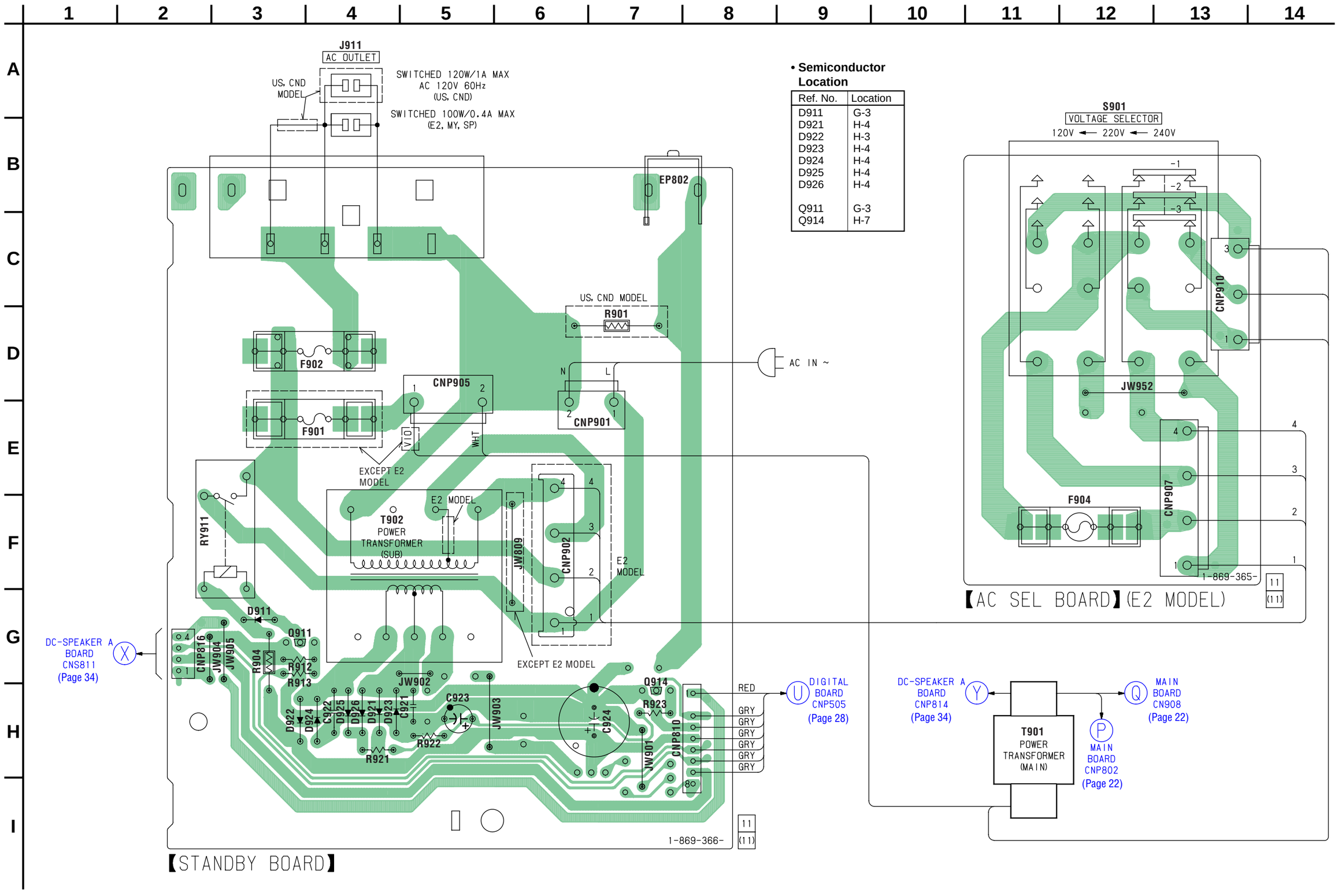
4-36. PRINTED WIRING BOARD — DISPLAY SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



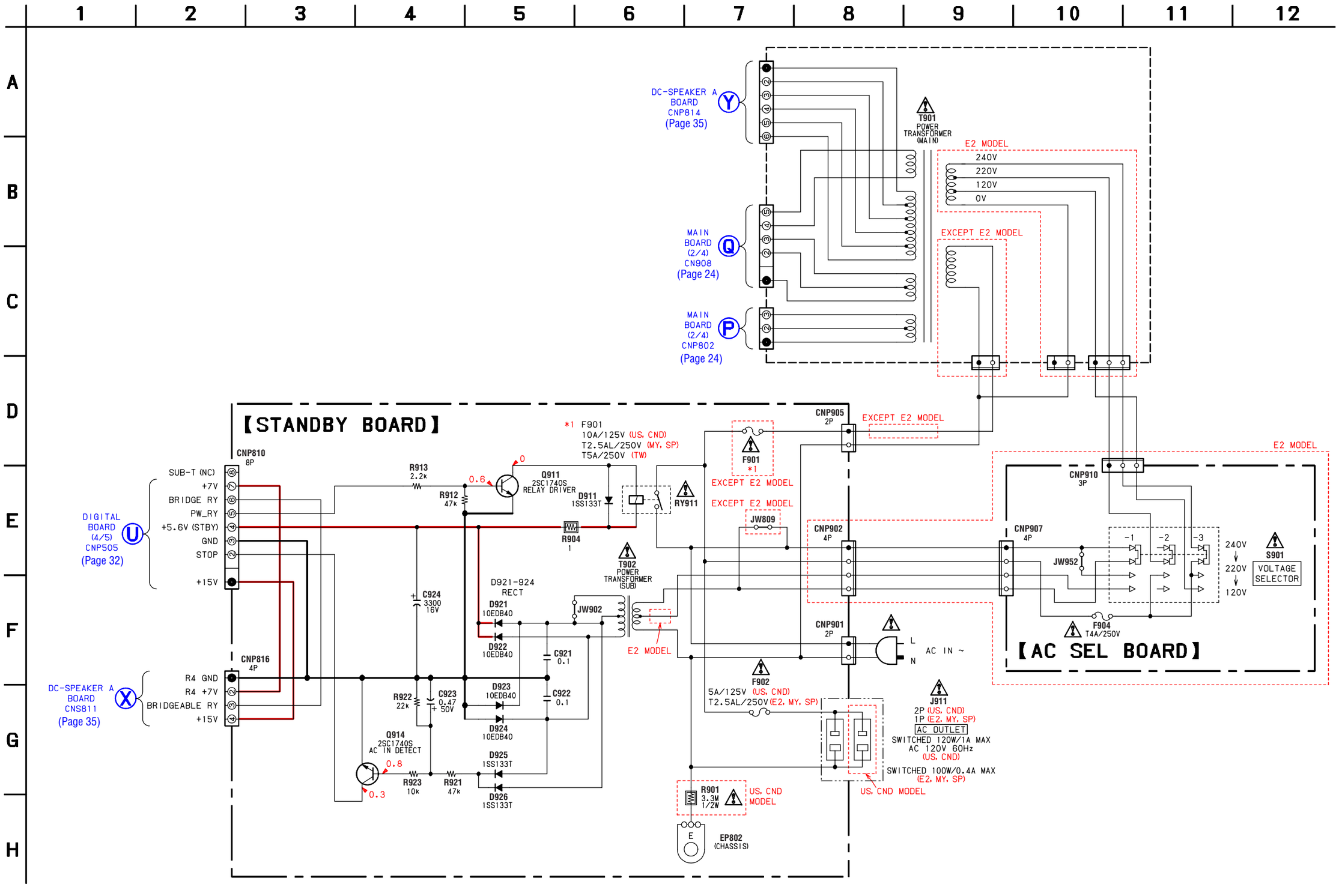
4-37. SCHEMATIC DIAGRAM — DISPLAY SECTION — • Refer to page 52 for Waveform.



4-38. PRINTED WIRING BOARDS — POWER SECTION — • Refer to page 21 for Circuit Boards Location. : Uses unleaded solder.



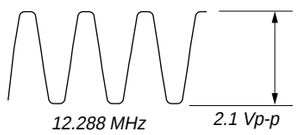
4-39. SCHEMATIC DIAGRAM — POWER SECTION —



• Waveforms

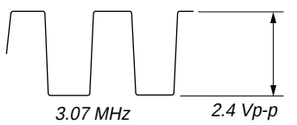
— DIGITAL Board —

① IC1301 ⑬ (CKOUT)



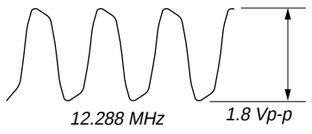
1V/DIV, 50nsec/DIV

② IC1301 ⑭ (BCK)



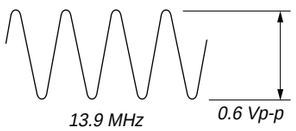
1V/DIV, 0.2µsec/DIV

③ IC1301 ㉑ (XOUT)



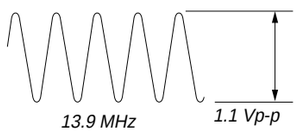
1V/DIV, 50nsec/DIV

④ IC1501 ⑨ (MCLK1)



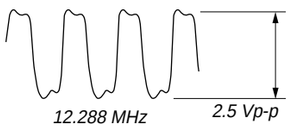
1V/DIV, 50nsec/DIV

⑤ IC1501 ⑫ (MCLK2)



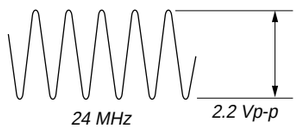
1V/DIV, 50nsec/DIV

⑥ IC1501 ⑭ (SCKOUT)



1V/DIV, 50nsec/DIV

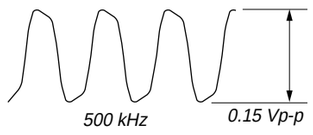
⑦ IC1101 ㊸ (X1)



1V/DIV, 50nsec/DIV

— VIDEO Board —

① IC3701 ① (CERA)

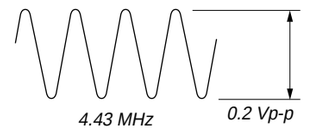


0.5V/DIV, 0.5µsec/DIV

② IC3701 ㉖ (XNTSC)

0.5V/DIV, 0.2µsec/DIV

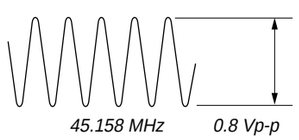
③ IC3701 ㉘ (X443/358)



0.5V/DIV, 0.2µsec/DIV

— XM Board (US, Canadian MODEL) —

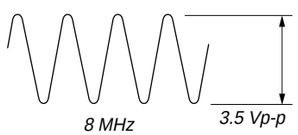
① IC102 ㉖ (OSCOUT)



1V/DIV, 50nsec/DIV

— DISPLAY Board —

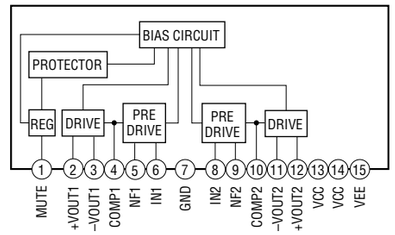
① IC100 ③ (XOUT)



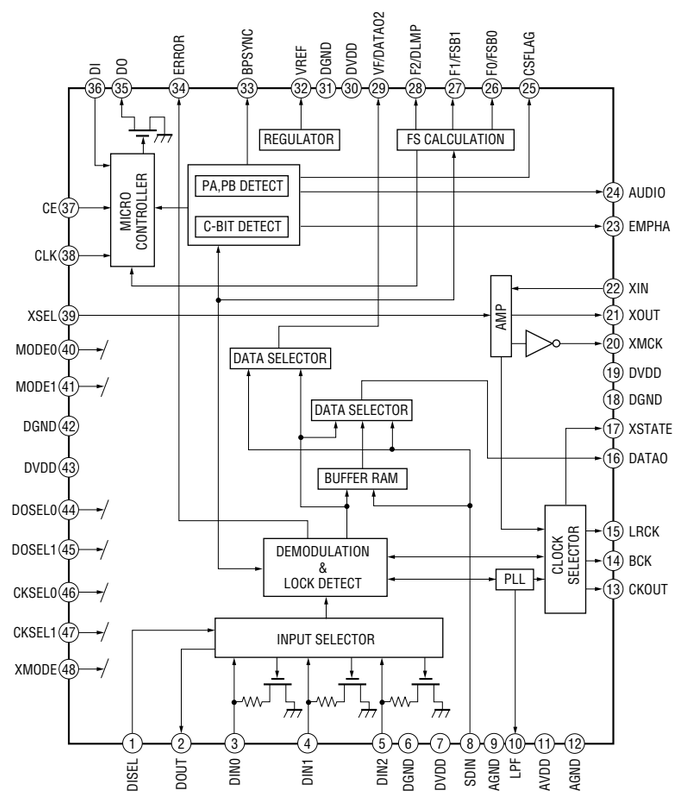
2V/DIV, 0.2µsec/DIV

• IC Block Diagrams

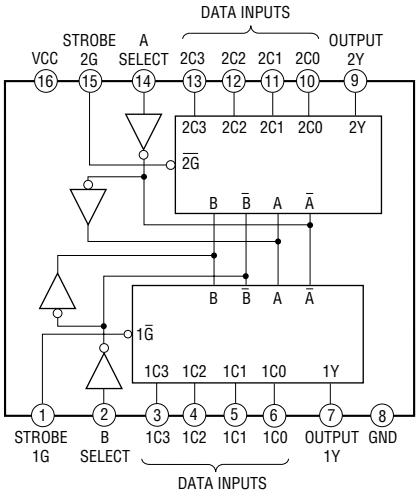
IC400 µPC2581V-S (MAIN BOARD (3/4))
IC500 µPC2581V-S (MAIN BOARD (3/4))
IC600 µPC2581V-S (MAIN BOARD (4/4))
IC700 µPC2581V-S (MAIN BOARD (4/4))



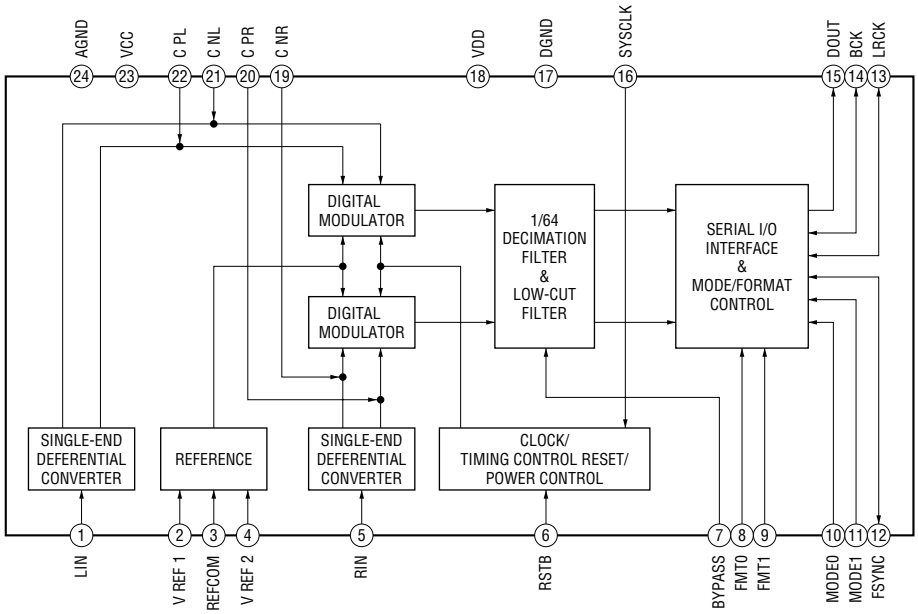
IC1301 LC890561W (DIGITAL BOARD (1/5))



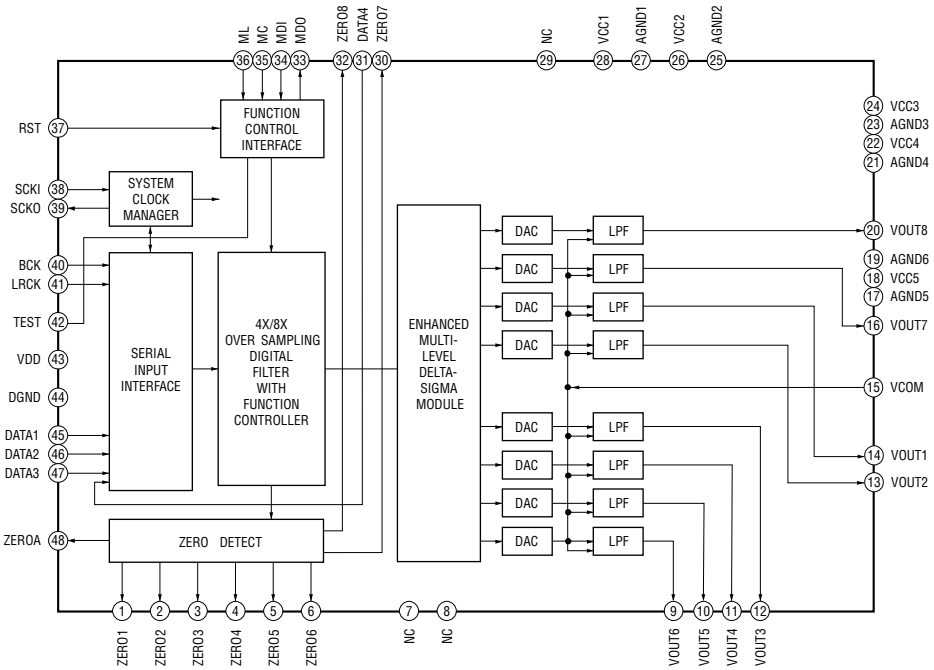
IC1302 TC74ACT153F(EL) (DIGITAL BOARD (1/5))



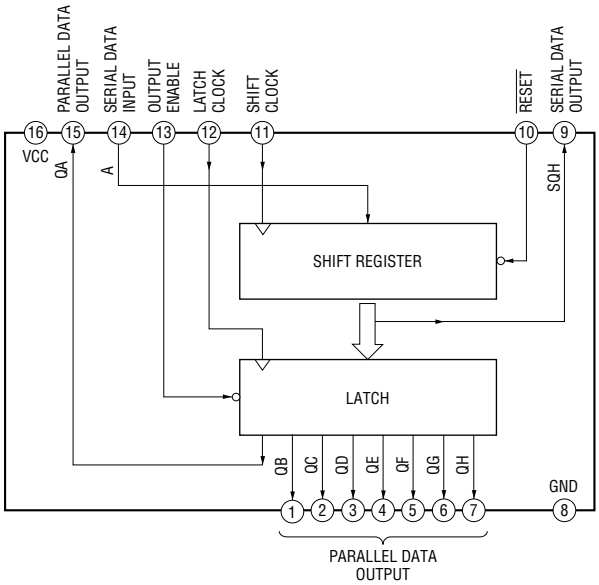
IC1401 PCM1800E/2K (DIGITAL BOARD (3/5))



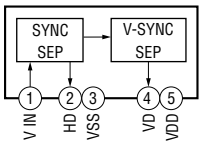
IC1452 PCM1609APT (DIGITAL BOARD (3/5))



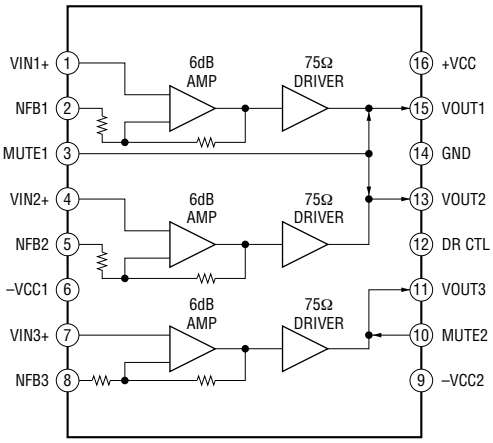
IC1601 SN74HC595ANSR (DIGITAL BOARD (4/5))
IC1602 SN74HC595ANSR (DIGITAL BOARD (4/5))



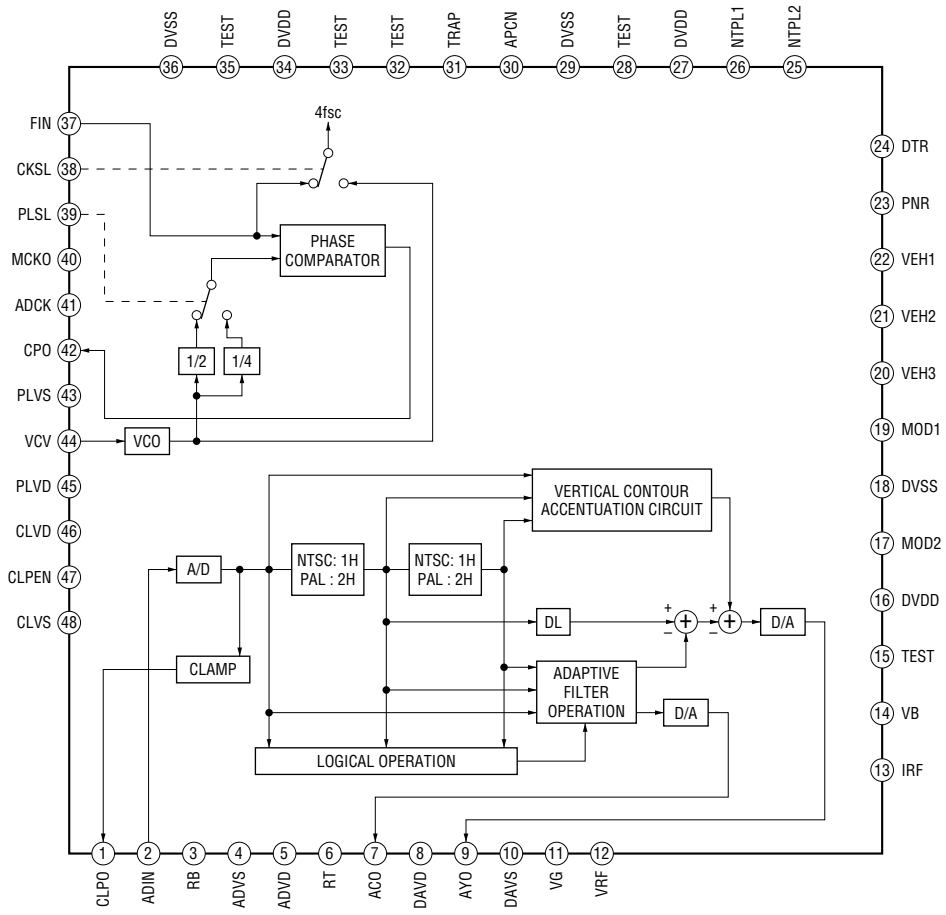
IC3253 LA7213 (VIDEO BOARD (1/2))
IC3731 LA7213 (VIDEO BOARD (1/2))



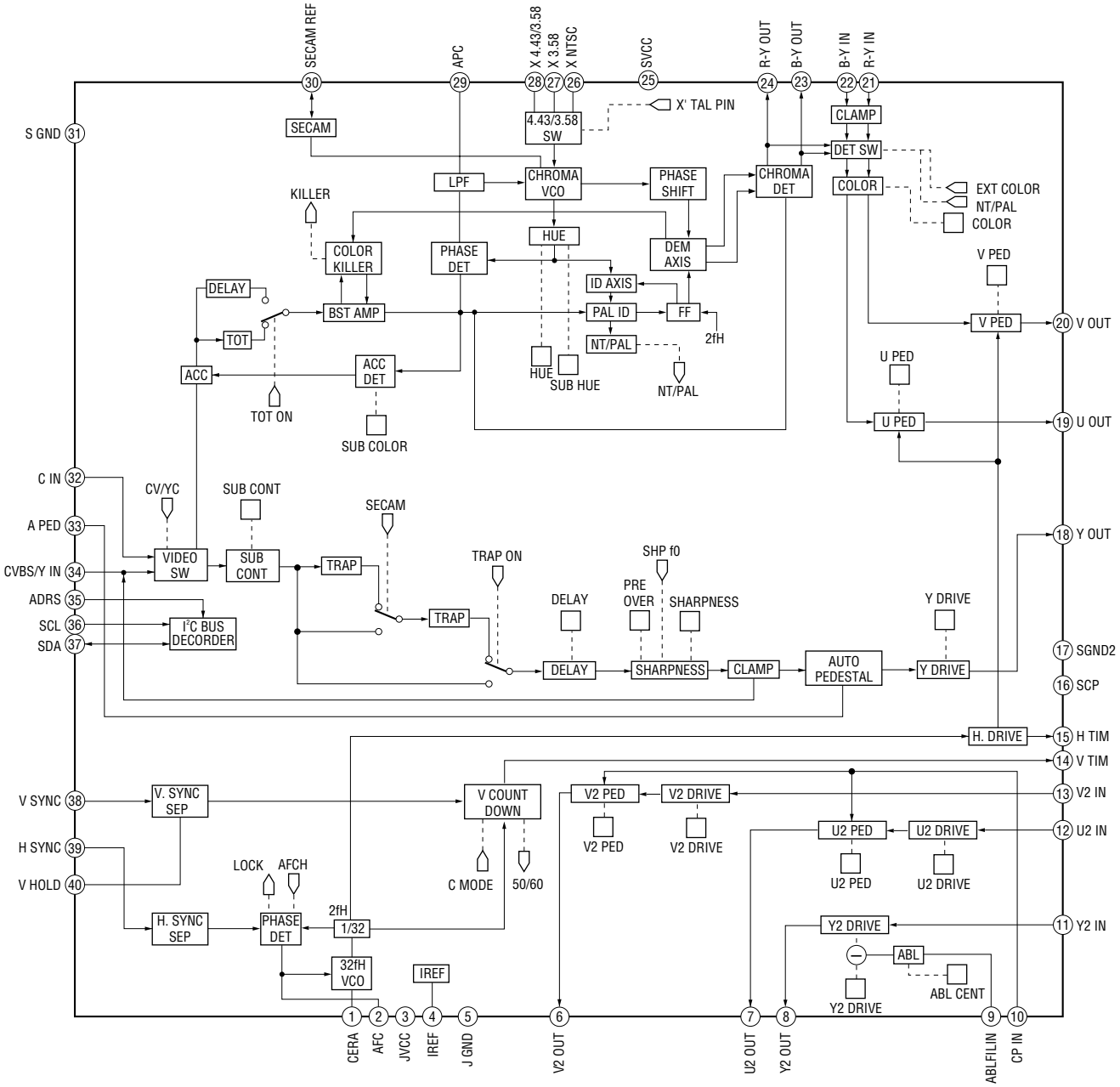
IC3321 LA7106M-TLM (VIDEO BOARD (1/2))
IC3671 LA7106M-TLM (VIDEO BOARD (2/2))



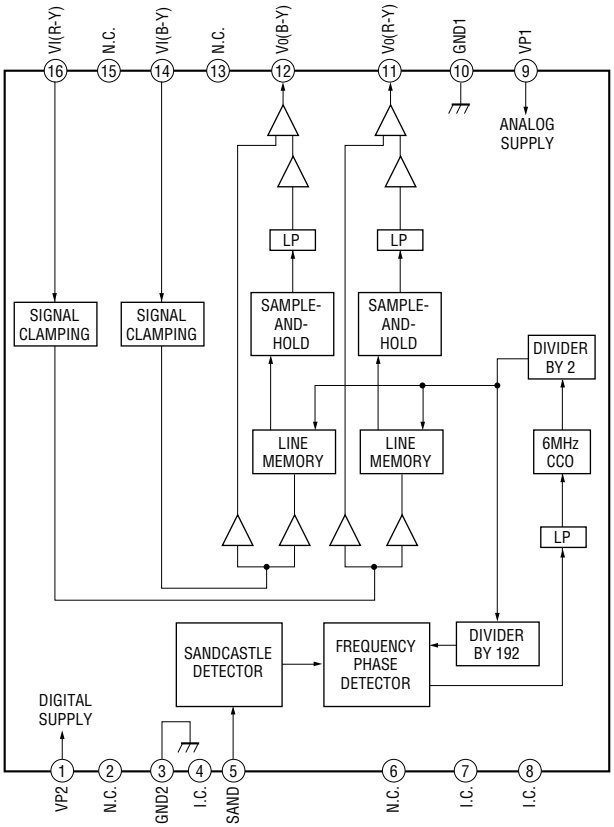
IC3601 CXD2064Q (VIDEO BOARD (1/2))



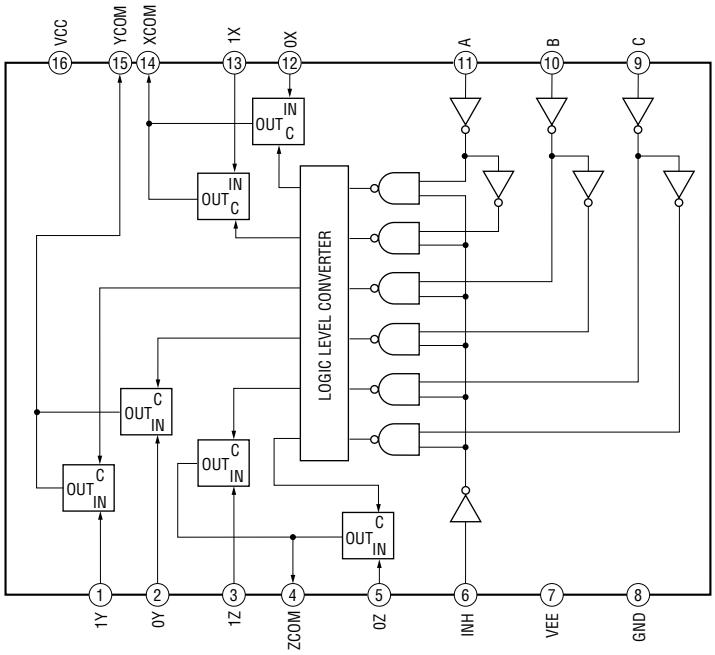
IC3701 CXA2199Q (VIDEO BOARD (1/2))



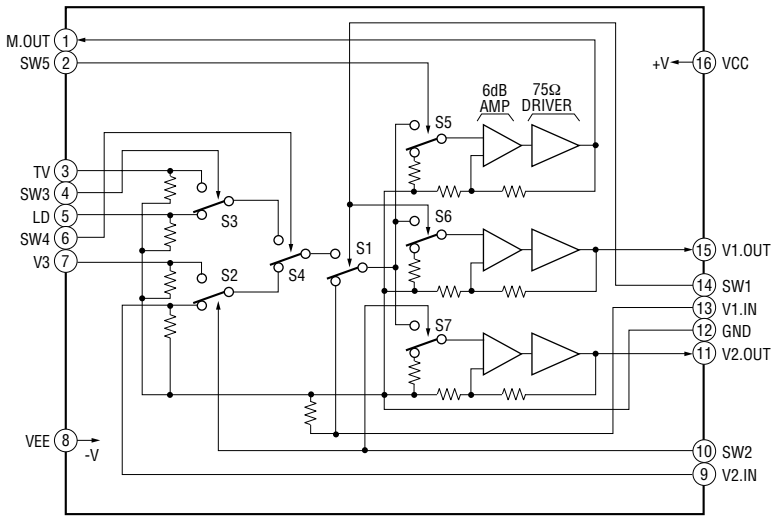
IC3721 TDA4665T/V5-118 (VIDEO BOARD (1/2) (E2 MODEL))



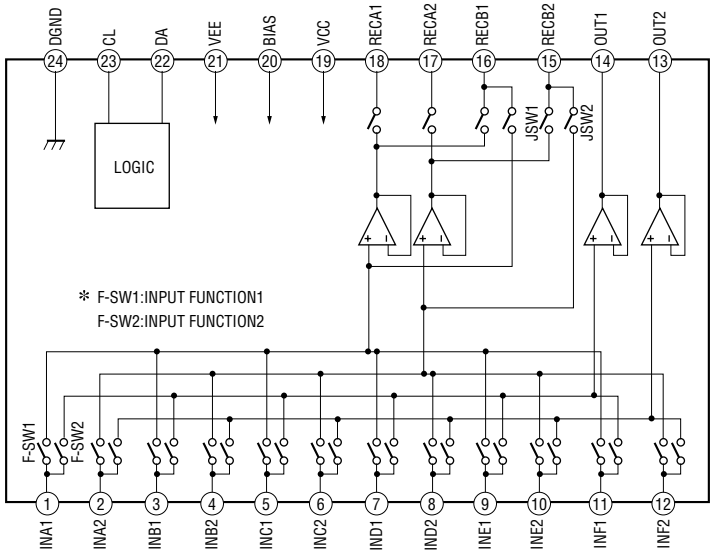
IC3751 TC4053BF(EL,N) (VIDEO BOARD (1/2))
IC3651 TC4053BF(EL,N) (VIDEO BOARD (2/2))



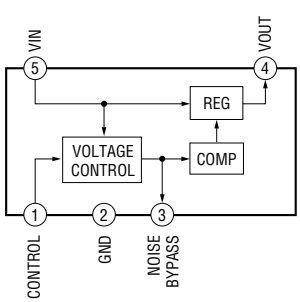
IC3431 NJM2595M-TE2 (VIDEO BOARD (2/2))
IC2101 NJM2595D (S-VIDEO BOARD)
IC2102 NJM2595D (S-VIDEO BOARD)



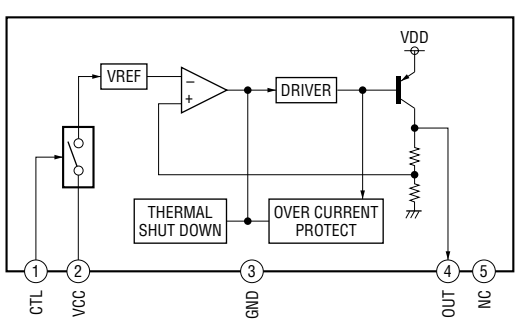
IC2560 BD3842FS-FD2 (VIDEO (AU) BOARD)



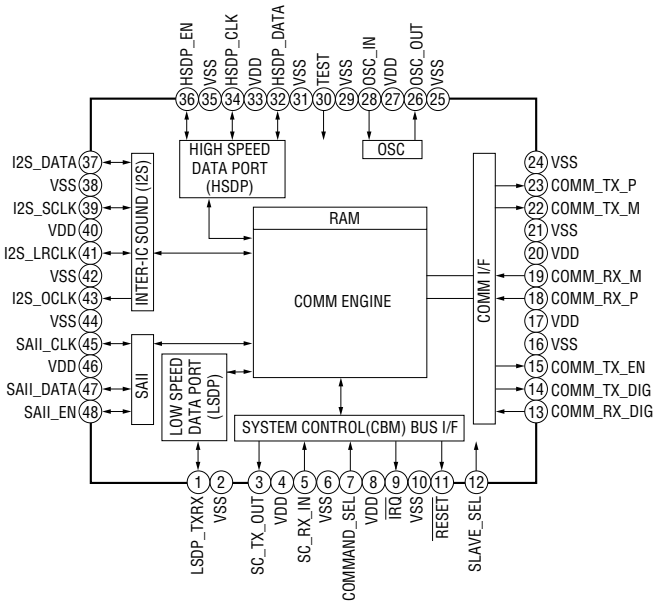
IC5002 TK11150CSCL-G (HDMI SW BOARD)



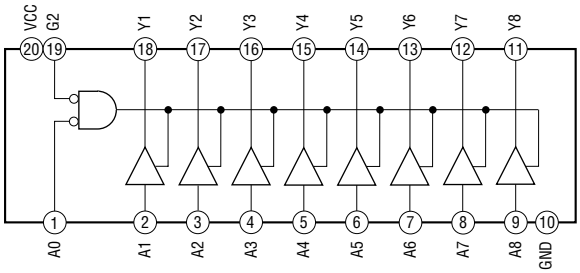
IC5006 BA00BC0WFP-E2 (HDMI SW BOARD)



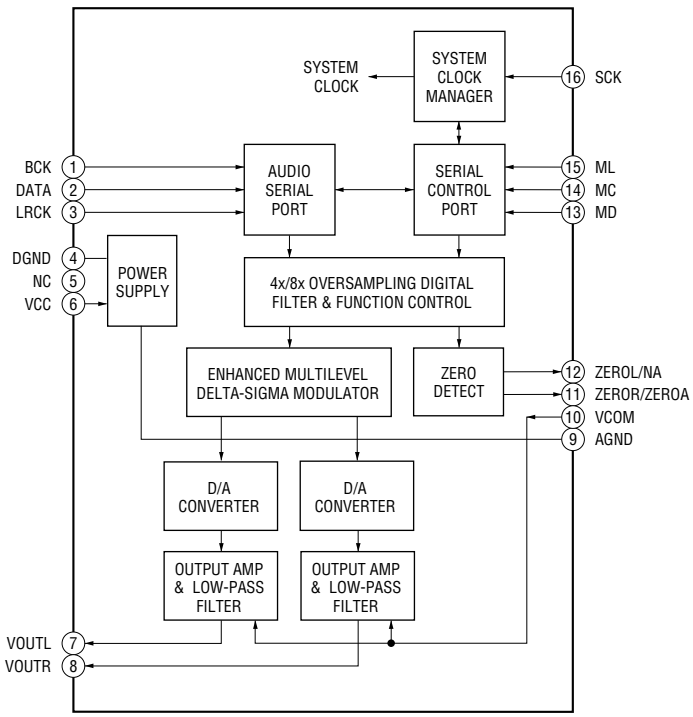
IC102 F2602E-01-TR (XM BOARD (US, CND MODEL))



IC103 TC74VHC541FT(EL) (XM BOARD (US, CND MODEL))



IC105 PCM1753DBQR (XM BOARD (US, CND MODEL))



• IC Pin Descriptions

IC1501 CXD9718BQ (DSP) (DIGITAL BOARD (2/5))

Pin No.	Pin Name	I/O	Pin Description
1	VSS	—	Ground
2	XRST	I	Reset signal input from SYSTEM CONTROL IC
3	EXTIN	I	Not used (Connect to ground)
4	LRCKI3	I	Not used (Connect to ground)
5	VDDI	I	Power supply pin (+2.6 V)
6	BCKI3	I	Not used (Connect to ground)
7	PLOCK	O	Not used (Open)
8	VSS	—	Ground
9	MCLK1	I	Clock signal input (13.9 MHz)
10	VDDI	I	Power supply pin (+2.6 V)
11	VSS	—	Ground
12	MCLK2	O	Clock signal output (13.9 MHz)
13	MS	I	Not used (Fixed at L)
14	SCKOUT	O	Internal system clock signal output for 8CH DAC IC
15	LRCKI1	I	Sampling clock signal input from ADC IC
16	VDDE	I	Power supply pin (+3.3 V)
17	BCKI1	I	Bit clock signal input from ADC IC
18	SDI1	I	Audio IF data input from ADC IC (Not used in this set)
19	LRCKO	O	Sampling clock signal output for 8CH DAC IC
20	BCKO	O	Bit clock signal output for 8CH DAC IC
21	VSS	—	Ground
22	KFSIO	I/O	Audio clock signal (384fs/256fs) input/output for DIR IC
23 to 26	SDO1 to SDO4	O	Digital audio serial data output for 8CH DAC IC
27	SPDIF	O	Not used (Open)
28	LRCKI2	I	Sampling clock signal input from ADC IC
29	BCKI2	I	Bit clock signal input from ADC IC
30	SDI2	I	Digital audio serial data input from ADC IC
31	VSS	—	Ground
32	HACN	O	Acknowledge signal output for SYSTEM CONTROL IC
33	HDIN	I	Serial data input from SYSTEM CONTROL IC
34	HCLK	I	Clock signal input from SYSTEM CONTROL IC
35	HDOUT	O	Serial data output for SYSTEM CONTROL IC
36	HCS	I	Chip select signal input from SYSTEM CONTROL IC
37	GP12	I	GP12 signal input from SYSTEM CONTROL IC
38, 39	GP13, GP14	O	Not used (Open)
40	VDDI	I	Power supply pin (+2.6 V)
41	VSS	—	Ground
42	GP15	O	Not used (Open)
43	OE0	O	Not used (Open)
44	CS0	O	External memory chip select signal output for D/A converter IC (SDRAM)
45	WE0	O	SDRAM write enable signal output for D/A converter IC (SDRAM)
46	VDDE	I	Power supply pin (+3.3 V)
47	WMD1	I	Not used (Fixed at H)
48	VSS	—	Ground
49	WMD0	I	Not used (Fixed at H)
50	PAGE2	O	Not used (Open)
51	VSS	—	Ground
52, 53	PAGE1, PAGE0	O	Not used (Open)
54	BOOT	I	Not used (Connect to ground)
55	TST1	O	Not used (Open)
56	BST	I	Boot stop signal input from SYSTEM CONTROL IC

Pin No.	Pin Name	I/O	Pin Description
57	MOD1	I	Operation mode signal input (L: 386fs, H: 256fs) (Fixed at H)
58	MOD0	I	Operation mode signal input (L: single chip mode, H: use prohibited) (Fixed at L)
59	EXLOCK	I	Error detection signal input from DIR IC
60	VDDI	I	Power supply pin (+2.6 V)
61	VSS	—	Ground
62, 63	A17, A16	O	Not used (Open)
64 to 66	A15 to A13	O	External memory address signal output for D/A converter IC (SDRAM)
67	GP10	O	Not used (Open)
68	GP9	O	GP9 signal output for SYSTEM CONTROL IC
69	GP8	I	Audio signal input from DIR IC
70	VDDI	I	Power supply pin (+2.6 V)
71	VSS	—	Ground
72 to 75	D15/GP7 to D12/GP4	I/O	External memory data input/output for D/A converter IC (general port)
76	VDDE	I	Power supply pin (+3.3 V)
77 to 80	D11/GP3 to D8/GP0	I/O	External memory data input/output for D/A converter IC (general port)
81	VSS	—	Ground
82	A9	O	External memory address signal output for D/A converter IC (SDRAM)
83 to 85	A12 to A10	O	External memory address signal output for D/A converter IC (SDRAM)
86	TDO	O	Not used (Fixed at H)
87	TMS	I	Not used (Fixed at H)
88	XTRST	I	Not used (Fixed at H)
89	TCK	I	Not used (Fixed at H)
90	TDI	I	Not used (Fixed at H)
91	VSS	—	Ground
92 to 97	A8 to A3	O	External memory address signal output for D/A converter IC (SDRAM)
98, 99	D7, D6	I/O	External memory data input/output for D/A converter IC (SDRAM)
100	VDDI	I	Power supply pin (+2.6 V)
101	VSS	—	Ground
102 to 105	D5 to D2	I/O	External memory data input/output for D/A converter IC (SDRAM)
106	VDDE	I	Power supply pin (+3.3 V)
107, 108	D1, D0	I/O	External memory data input/output for D/A converter IC (SDRAM)
109, 110	A2, A1	O	External memory address signal output for D/A converter IC (SDRAM)
111	VSS	—	Ground
112	A0	O	External memory address signal output for D/A converter IC (SDRAM)
113	PM	I	PLL initialization signal input from SYSTEM CONTROL IC
114, 115	SDI3, SDI4	I	Not used (Open)
116	SYNC	I	Sync/async select signal input (L: sync, H: async) (Fixed at H)
117	TST2	I	Not used (Connect to ground)
118	GP11	I	Not used (Connect to ground)
119	TST3	I	Not used (Connect to ground)
120	VDDI	I	Power supply pin (+2.6 V)

IC1101 MB90488BPF-G-179E1 (SYSTEM CONTROL) (DIGITAL BOARD (5/5))

Pin No.	Pin Name	I/O	Pin Description
1	DATAO	I	Serial data line signal input from DIR IC
2	GP9	I	GP9 signal input from DSP IC
3	BST	O	Boot stop control signal output for DSP IC
4	HCS	O	Chip select signal output for DSP IC
5	HACN	I	Acknowledge signal input from DSP IC
6	XRST	O	Reset signal output for DSP IC
7	PM	O	PLL control signal output for DSP IC
8	GP12	O	GP12 signal output for DSP IC
9	FL_LAT	O	Latch signal output for FL driver IC
10	PCM1609/1800_RST	O	Reset signal output for 8CH DAC IC/ADC IC
11	VSS	—	Ground
12	PCM1609_ML	O	Serial latch signal output for 8CH DAC IC
13	PCM1609_MC/ XMDACMC	O	Serial clock signal output for 8CH DAC IC/XM DIGITAL TRANSCEIVER IC (US, CND model)
14	PCM1609_MDI/ XMDACMI	O	Serial data output for 8CH DAC IC/XM DIGITAL TRANSCEIVER IC (US, CND model)
15	PCM1609_MDO	I	Serial data input from 8CH DAC IC
16	T.SERIAL_CLK/FL_CLK	O	Serial clock signal output for tuner pack/Clock signal output for FL driver IC
17	TUNER_DATA/FL_DATA	O	Serial data output for tuner pack/Serial data output for FL driver IC
18	HDOUT	I	Serial data input from DSP IC
19	HDIN	O	Serial data output for DSP IC
20	HCLK	O	Serial data clock signal output for DSP IC
21	TUNING_A	I	TUNING +/– encoder (A) signal input
22	TUNING_B	I	TUNING +/– encoder (B) signal input
23	VCC5	—	Power supply pin (+3.3 V)
24	FL_RESET (DE8)	O	Reset signal output for FL driver IC
25	FL_CLK (DE8)	O	Clock signal output for FL driver IC
26	XM_RST	O	XM radio reset signal output (US, CND model)
27	FLASH2/XM_RX	I	Flash programming signal input 2/XM radio RX signal input (US, CND model)
28	FLASH1/XM_TX	O	Flash programming signal output 1/XM radio TX signal output (US, CND model)
29	SDA	I/O	Serial data input/output for EEPROM IC
30	SCL	O	Clock signal output for EEPROM IC
31	ENC_A	I	INPUT SELECTOR encoder (A) signal input
32	ENC_B	I	INPUT SELECTOR encoder (B) signal input
33	UPCON	I/O	Serial data input/output for VIDEO PROCESS IC
34	UPCON_CLK	O	Clock signal output for VIDEO PROCESS IC
35	AVCC	—	Power supply pin (+3.3 V)
36	AVRH	—	Power supply pin (+3.3 V)
37	AVSS	—	Ground
38	ADCC	I	ADCC analog signal input
39, 40	A/D1, A/D2	I	Key signal input (A/D port)
41	VERSION	I	Destination detection signal input
42	VSS	—	Ground
43	RDSSIG/XM_REQ	I/O	XM radio request signal input (US, CND model)
44	MODEL/CSMUTE (E8)	I/O	Model detection signal input/Chip select mute signal output
45	TONE_EN_B (E8)/VACS	I	TONE +/– encoder (B) signal input
46	TONE_EN_A (E8)	I	TONE +/– encoder (A) signal input
47	XMDACMS	O	Serial latch signal output for XM DIGITAL TRANSCEIVER IC (US, CND model)
48	STOP	I	AC off detection signal input
49	MD0	—	Selection of micon operation mode
50	MD1	—	Not used (Connect to VCC)
51	MD2	—	Selection of micon operation mode

Pin No.	Pin Name	I/O	Pin Description
52	RDS_CLK/XMDPOWER	I/O	XM digital power control signal output (US, CND model)
53	RDS_DATA/ XM_COMMAND	I/O	XM command control signal output (US, CND model)
54	SIRCS	I	SIRCS signal input
55	HP_DETECT	I	Headphones detection signal input
56	POWER_KEY	I	Power key detection signal input
57	ADCC_INT	I	ADCC data input from DSP IC
58	POWER_RY	O	Power relay driver control signal output
59	VOL_CL	O	Clock signal output for DIR IC
60	VOL_DA	O	Serial data and latch output for DIR IC
61	PROTECTOR	I	Protector detection signal input
62	HP_RY	O	Headphone relay driver control signal output
63	FUSE_DETECT	I	Fuse open detection signal input
64	VOL_ENCODER (B)	I	MASTER VOLUME encoder (B) signal input
65	VOL_ENCODER (A)	I	MASTER VOLUME encoder (A) signal input
66	FRONT_RY	O	Front speaker relay driver control signal output
67	SP_B_RY	O	Front speaker B relay driver control signal output
68	C/SB_RY	O	Center/Surround back speaker relay driver control signal output
69	REAR_RY	O	Surround speaker relay driver control signal output
70	SW_RY	O	Sub woofer relay driver control signal output
71	ANALOG_SW_CLK (DE8)	O	Clock signal output for ANALOG SWITCH IC
72	BRIDGEABLE_RY	O	Bridgeable relay driver control signal output
73	DO	I	Tuner serial data input
74	SLATCH	O	Tuner latch signal output
75	TUNED	I	Tuned signal detection input
76	STEREO	I	Stereo signal detection input
77	RSTX	I	Reset signal input
78	MUTE	O	Tuner mute signal output
79	X1A	—	Not used (Open)
80	X0A	—	Not used (Connect to VSS)
81	VSS	—	Ground
82	X0	—	Clock signal input (24 MHz)
83	X1	—	Clock signal output (24 MHz)
84	VCC3	—	Power supply pin (+3.3 V)
85	ANALOG_SW_DATA (DE8)	O	Serial data output for ANALOG SWITCH IC
86	D595_DATA	O	Serial data output for I/O EXPANDER IC
87	D595_CLK	O	Serial clock signal output for I/O EXPANDER IC
88	$\overline{\text{D595\_OE}}$	O	Serial output enable signal output for I/O EXPANDER IC
89	D595_LAT	O	Serial latch signal output for I/O EXPANDER IC
90	SELECT2	O	Digital input select 2 signal output
91	SELECT1	O	Digital input select 1 signal output
92	BST_SEL	O	96/24 signal output for DSP IC
93	XMODE	O	Xmode signal output for DIR IC
94	CKSEL1	O	Clock select signal output for DIR IC
95	CLK	O	Data clock signal output for DIR IC
96	CE	O	Latch signal output for DIR IC
97	DI	O	Data output for DIR IC
98	DO	I	Data input from DIR IC
99	ERROR	I	Error detection signal input from DIR IC
100	XSTATE	I	Xstate signal input from DIR IC

IC5001 TMDS341PFCR (HDMI RECEIVER/TRANSCEIVER) (HDMI SW BOARD)

Pin No.	Pin Name	I/O	Pin Description
1	NC	—	Not used (Open)
2	SDA1	I/O	I2C two-way data bus with HDMI VIDEO 2 IN connector
3	SCL1	I	I2C clock signal input from HDMI VIDEO 2 IN connector
4	GND	—	Ground
5	B11	I	TMDS clock signal (negative) input from HDMI VIDEO 2 IN connector
6	A11	I	TMDS clock signal (positive) input from HDMI VIDEO 2 IN connector
7	VCC	—	Power supply pin (+3.3 V)
8	B12	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
9	A12	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
10	GND	—	Ground
11	B13	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
12	A13	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
13	VCC	—	Power supply pin (+3.3 V)
14	B14	I	TMDS data (negative) input from HDMI VIDEO 2 IN connector
15	A14	I	TMDS data (positive) input from HDMI VIDEO 2 IN connector
16	GND	—	Ground
17	VCC	—	Power supply pin (+3.3 V)
18	VSADJ	I	TMDS compliant voltage swing control signal input (Fixed at L in this set)
19	PRE	I	Output de-emphasis setting pin (L: 0 dB, H: 3 dB) (Fixed at L in this set)
20	NC	—	Not used (Open)
21	S1	I	Source selection signal input from SYSTEM CONTROL IC
22	S2	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at H in this set)
23	S3	I	Source selection signal input from SYSTEM CONTROL IC (Fixed at L in this set)
24	GND	—	Ground
25	Y4	O	TMDS data (positive) output for HDMI MONITOR OUT connector
26	Z4	O	TMDS data (negative) output for HDMI MONITOR OUT connector
27	VCC	—	Power supply pin (+3.3 V)
28	Y3	O	TMDS data (positive) output for HDMI MONITOR OUT connector
29	Z3	O	TMDS data (negative) output for HDMI MONITOR OUT connector
30	GND	—	Ground
31	Y2	O	TMDS data (positive) output for HDMI MONITOR OUT connector
32	Z2	O	TMDS data (negative) output for HDMI MONITOR OUT connector
33	VCC	—	Power supply pin (+3.3 V)
34	Y1	O	TMDS data (positive) output for HDMI MONITOR OUT connector
35	Z1	O	TMDS data (negative) output for HDMI MONITOR OUT connector
36, 37	GND	—	Ground
38	SCL_SINK	O	I2C clock signal output for HDMI MONITOR OUT connector
39	SDA_SINK	I/O	I2C two-way data bus with HDMI MONITOR OUT connector
40	HPD_SINK	I	Hot plug detection signal input from HDMI MONITOR OUT connector
41	NC	—	Not used (Open)
42	OEB	I	Chip enable signal input from SYSTEM CONTROL IC (L: active)
43	VCC	—	Power supply pin (+3.3 V)
44	HPD3	O	Hot plug detection signal output (Not used in this set)
45	SDA3	I/O	I2C two-way data bus (Not used in this set)
46	SCL3	I	I2C clock signal input
47	GND	—	Ground
48	B31	I	TMDS clock signal (negative) input (Not used in this set)
49	A31	I	TMDS clock signal (positive) input (Not used in this set)
50	VCC	—	Power supply pin (+3.3 V)
51	B32	I	TMDS data (negative) input (Not used in this set)
52	A32	I	TMDS data (positive) input (Not used in this set)
53	GND	—	Ground

Pin No.	Pin Name	I/O	Pin Description
54	B33	I	TMDS data (negative) input (Not used in this set)
55	A33	I	TMDS data (positive) input (Not used in this set)
56	VCC	—	Power supply pin (+3.3 V)
57	B34	I	TMDS data (negative) input (Not used in this set)
58	A34	I	TMDS data (positive) input (Not used in this set)
59	GND	—	Ground
60	NC	—	Not used (Open)
61	VCC	—	Power supply pin (+3.3 V)
62	HPD2	O	Hot plug detection signal output for HDMI DVD IN connector
63	SDA2	I/O	I2C two-way data bus with HDMI DVD IN connector
64	SCL2	I	I2C clock signal input from HDMI DVD IN connector
65, 66	GND	—	Ground
67	B21	I	TMDS clock signal (negative) input from HDMI DVD IN connector
68	A21	I	TMDS clock signal (positive) input from HDMI DVD IN connector
69	VCC	—	Power supply pin (+3.3 V)
70	B22	I	TMDS data (negative) input from HDMI DVD IN connector
71	A22	I	TMDS data (positive) input from HDMI DVD IN connector
72	GND	—	Ground
73	B23	I	TMDS data (negative) input from HDMI DVD IN connector
74	A23	I	TMDS data (positive) input from HDMI DVD IN connector
75	VCC	—	Power supply pin (+3.3 V)
76	B24	I	TMDS data (negative) input from HDMI DVD IN connector
77	A24	I	TMDS data (positive) input from HDMI DVD IN connector
78	GND	—	Ground
79	VCC	—	Power supply pin (+3.3 V)
80	HPD1	O	Hot plug detection signal output for HDMI VIDEO 2 IN connector

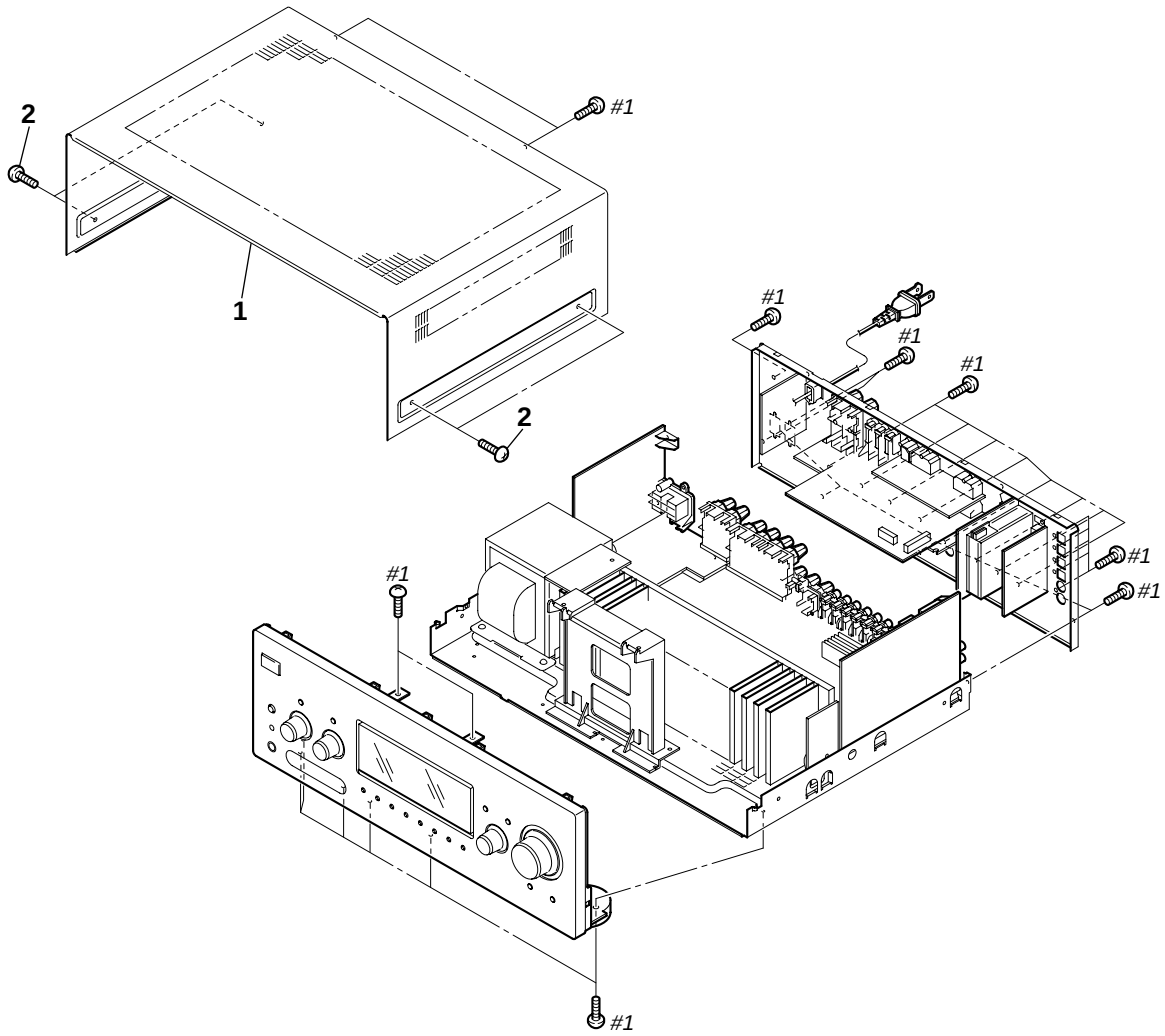
SECTION 5
EXPLODED VIEWS

NOTE:
- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  E2 : 120 V AC area in E model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) ... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Accessories are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

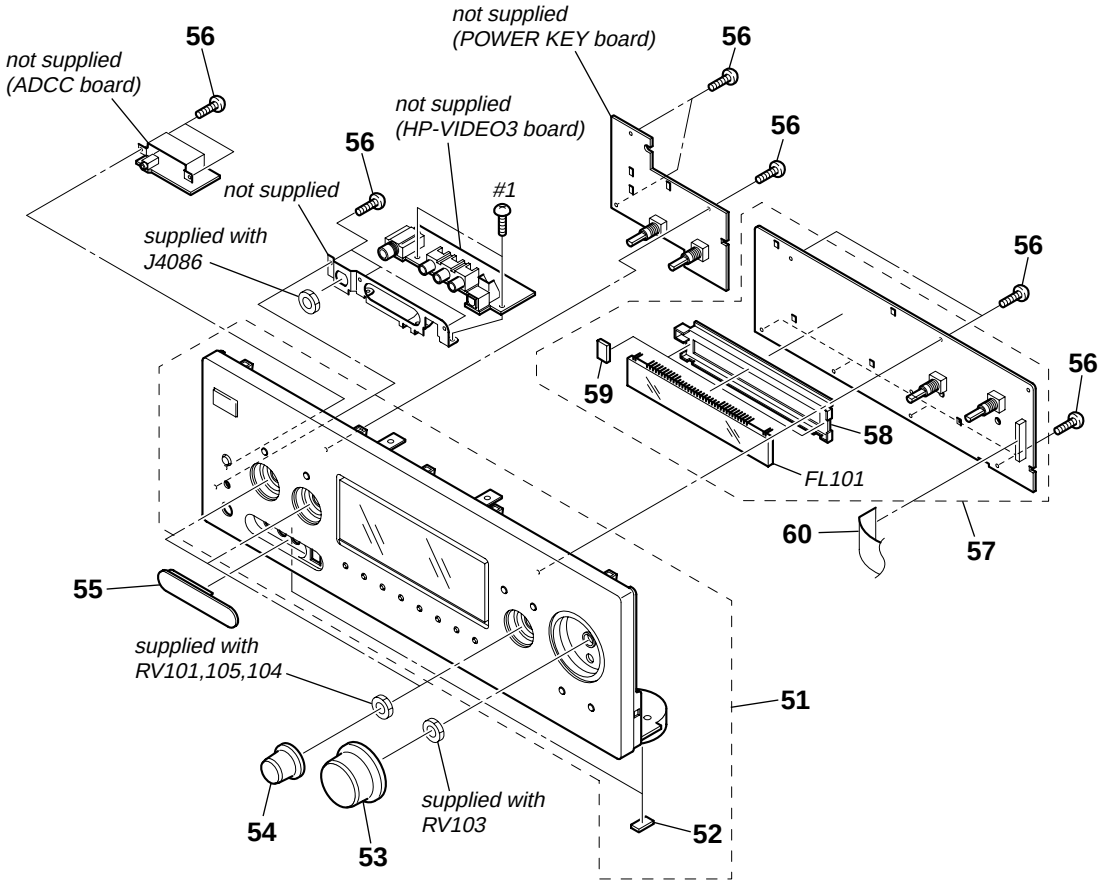
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

5-1. CASE SECTION



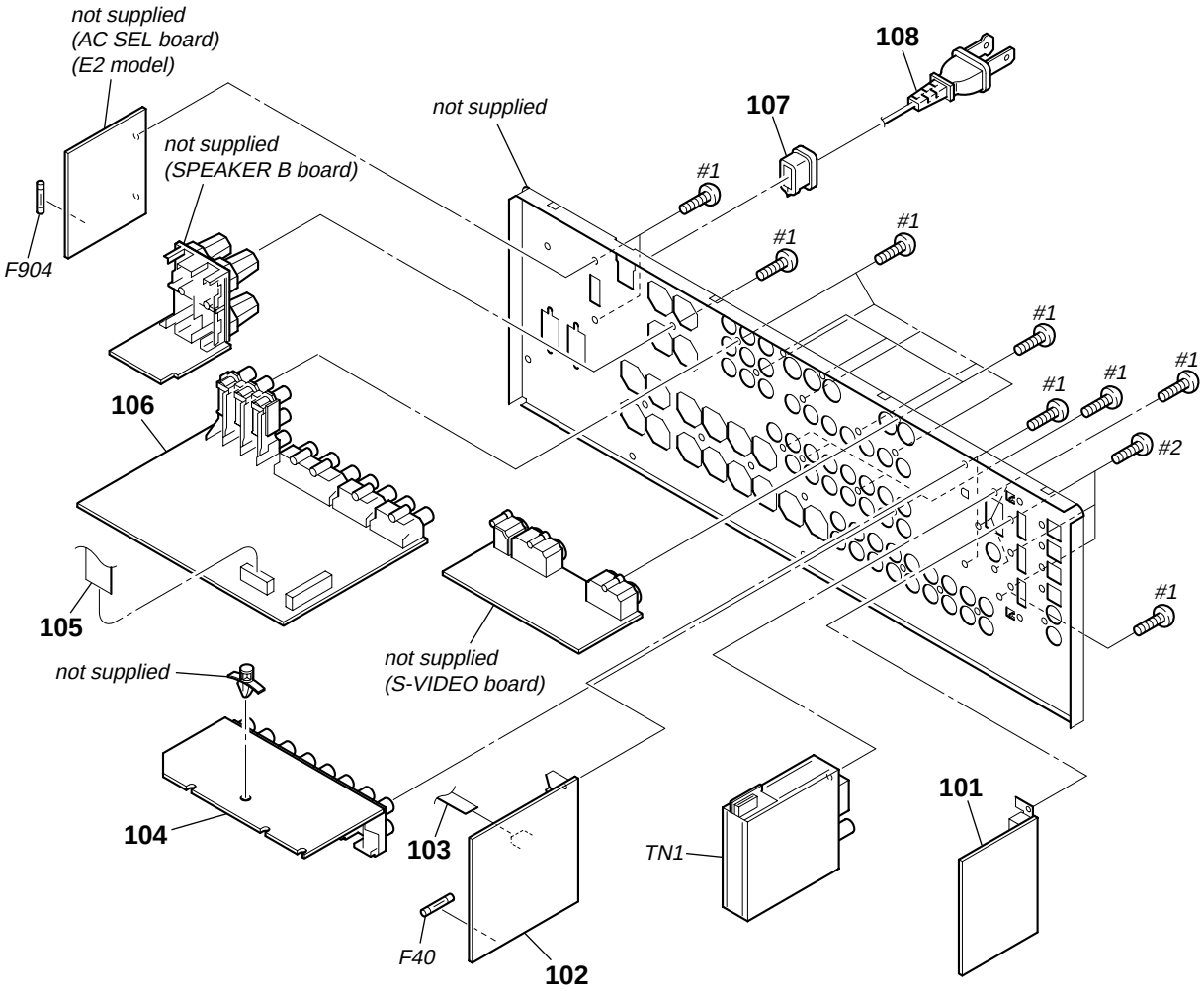
Ref. No.	Part No.	Description	Remark
1	2-666-933-11	CASE (E8) (BLACK)...(BLACK) (US)	
1	2-666-933-31	CASE (E8) (SILVER)...(SILVER) (EXCEPT US)	
2	3-363-099-02	SCREW (CASE 3 TP2) (BLACK)...(BLACK) (US)	
2	3-363-099-11	SCREW (CASE 3 TP2) (SILVER)...(SILVER) (EXCEPT US)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-2. FRONT PANEL SECTION



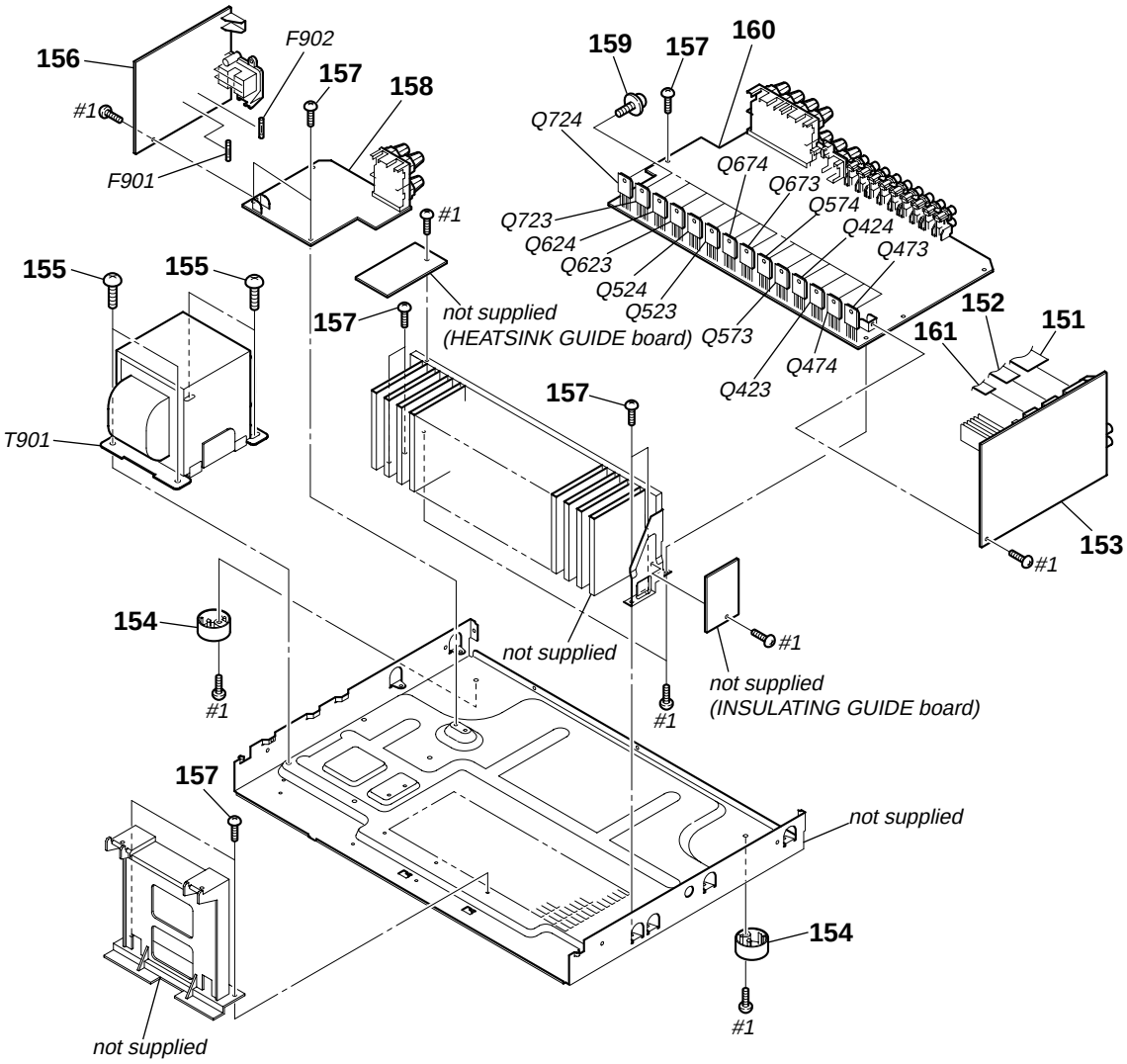
Ref. No.	Part No.	Description	Remark
51	X-2103-386-1	FRONT PANEL ASSY (SILVER)...(SILVER) (CND)	
51	X-2103-388-1	FRONT PANEL ASSY (SILVER)...(SILVER)	(E2,MY,SP,TW)
51	X-2103-391-1	FRONT PANEL ASSY (BLACK)...(BLACK) (US)	
52	4-977-358-01	CUSHION	
53	2-661-142-01	KNOB (VOLUME) (BLACK)...(BLACK) (US)	
53	2-661-142-11	KNOB (VOLUME) (SILVER)...(SILVER)	(EXCEPT US)
54	2-661-141-01	KNOB (NENU) (BLACK)...(BLACK) (US)	
54	2-661-141-11	KNOB (NENU) (SILVER)...(SILVER)	(EXCEPT US)
55	2-667-248-01	LID (E8) (BLACK)...(BLACK) (US)	
55	2-667-248-11	LID (E8) (SILVER)...(SILVER) (EXCEPT US)	
56	3-087-053-01	+BVTP 2.6 (3CR)	
57	A-1168-998-A	DISPLAY BOARD, COMPLETE (US,CND)	
57	A-1169-119-A	DISPLAY BOARD, COMPLETE (MY,SP,TW)	
57	A-1169-168-A	DISPLAY BOARD, COMPLETE (E2)	
58	4-244-786-01	HOLDER, FL (DE9)	
* 59	4-955-901-01	CUSHION (FL)	
60	1-829-043-11	WIRE (FLAT TYPE) (27 CORE)	
FL101	1-519-875-11	VACUUM FLUORESCENT DISPLAY	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

5-3. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remark
101	A-1158-394-A	HDMI SW BOARD, COMPLETE	
102	A-1177-895-A	XM BOARD, COMPLETE (US,CND)	
103	1-828-937-11	WIRE (FLAT TYPE) (5 CORE) (US,CND)	
104	A-1169-002-A	VIDEO (AU) BOARD, COMPLETE (US,CND,E2)	
104	A-1188-615-A	VIDEO (AU) BOARD, COMPLETE (MY,SP,TW)	
105	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)	
106	A-1168-991-A	VIDEO BOARD, COMPLETE (US,CND,TW)	
106	A-1169-097-A	VIDEO BOARD, COMPLETE (E2,MY,SP)	
* 107	3-703-244-00	BUSHING (2104), CORD	
⚠108	1-777-071-83	CORD, POWER (E2,MY,SP)	
⚠108	1-783-820-11	CORD, POWER (US,CND)	
⚠108	1-827-597-41	CORD, POWER (TW)	
⚠F40	1-533-689-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (1A/125V)	(US,CND)
⚠F904	1-532-504-33	FUSE (T4A/250V) (E2)	
TN1	1-693-675-11	TUNER PACK (ANTENNA) (US,CND,E2)	
TN1	1-693-678-11	TUNER PACK (ANTENNA) (MY,SP,TW)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	
#2	7-685-872-01	SCREW +BVTT 3X8 (S)	

5-4. CHASSIS SECTION



Ref. No.	Part No.	Description	Remark
151	1-829-013-11	WIRE (FLAT TYPE) (21 CORE)	
152	1-828-963-11	WIRE (FLAT TYPE) (11 CORE)	
153	A-1168-987-A	DIGITAL BOARD, COMPLETE (US,CND)	
153	A-1169-164-A	DIGITAL BOARD, COMPLETE (E2)	
153	A-1188-601-A	DIGITAL BOARD, COMPLETE (MY,SP)	
153	A-1188-610-A	DIGITAL BOARD, COMPLETE (TW)	
154	X-4953-448-1	FOOT ASSY	
155	4-249-675-01	+BV SUMITITE S 4X6 ROUND	
156	A-1168-995-A	STANDBY BOARD, COMPLETE (US,CND)	
156	A-1169-166-A	STANDBY BOARD, COMPLETE (E2)	
156	A-1188-612-A	STANDBY BOARD, COMPLETE (MY,SP)	
156	A-1188-627-A	STANDBY BOARD, COMPLETE (TW)	
157	3-077-331-21	+BV 3 (3-CR)	
158	A-1168-994-A	DC-SPEAKER A BOARD, COMPLETE	(US,CND,E2)
158	A-1169-108-A	DC-SPEAKER A BOARD, COMPLETE	(MY,SP,TW)
159	3-905-609-01	SCREW (TRANSISTOR)	
160	A-1168-980-A	MAIN BOARD, COMPLETE (US,CND)	
160	A-1178-352-A	MAIN BOARD, COMPLETE (E2)	
160	A-1188-600-A	MAIN BOARD, COMPLETE (MY,SP,TW)	
161	1-828-958-11	WIRE (FLAT TYPE) (9 CORE) (US,CND)	
⚠F901	1-532-464-32	FUSE (T2.5AL/250V) (MY,SP)	
⚠F901	1-532-505-32	FUSE (T5AL/250V) (TW)	
⚠F901	1-533-312-12	FUSE, GLASS CYLINDRICAL (DIA. 5)	(10A/125V) (US,CND)
⚠F902	1-532-464-33	FUSE (T2.5AL/250V) (E2,MY,SP)	
⚠F902	1-533-420-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V)	(US,CND)
Q423	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q424	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q473	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q474	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q523	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q524	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q573	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q574	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q623	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q624	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q673	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q674	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q723	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q724	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
⚠T901	1-443-958-11	TRANSFORMER, POWER (MAIN) (US,CND)	
⚠T901	1-443-959-11	TRANSFORMER, POWER (MAIN) (E2)	
⚠T901	1-445-060-11	TRANSFORMER, POWER (MAIN) (TW)	
⚠T901	1-445-061-11	TRANSFORMER, POWER (MAIN) (MY,SP)	
#1	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3	

STR-DG800
Ver. 1.1

AC SEL **ADCC**
DC-SPEAKER A

SECTION 6
ELECTRICAL PARTS LIST

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ, for example:
  uA.. : µA.. uPA.. : µPA..
  uPB.. : µPB.. uPC.. : µPC.. uPD.. : µPD..
- CAPACITORS
  uF : µF
- COILS
  uH : µH
- Abbreviation
  CND : Canadian model
  E2 : 120 V AC area in E model
  MY : Malaysia model
  SP : Singapore model
  TW : Taiwan model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description			Remark
		AC SEL BOARD (E2)			
		**********			
	1-533-293-11	HOLDER, FUSE			
		< CONNECTOR >			
CNP907	1-568-106-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
* CNP910	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P			
		< SWITCH >			
⚠S901	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)			
**********					
		ADCC BOARD			
		**********			
		< CAPACITOR >			
C2001	1-162-282-31	CERAMIC	100PF	10%	50V
C2002	1-126-160-11	ELECT	1uF	20%	50V
C2003	1-127-882-31	CERAMIC	0.033uF	10%	50V
C2005	1-128-803-11	CERAMIC	33PF	5%	50V
C2006	1-126-160-11	ELECT	1uF	20%	50V
C2008	1-128-806-11	CERAMIC	56PF	5%	50V
C2010	1-127-882-31	CERAMIC	0.033uF	10%	50V
C2011	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2012	1-127-880-11	CERAMIC	0.022uF	10%	50V
C2013	1-126-160-11	ELECT	1uF	20%	50V
C2014	1-124-465-00	ELECT	0.47uF	20%	50V
C2018	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP2000	1-784-921-11	PIN, CONNECTOR 4P			
		< DIODE >			
D2013	8-719-991-33	DIODE 1SS133T-77			
D2014	8-719-991-33	DIODE 1SS133T-77			
		< IC >			
IC2000	8-759-167-88	IC NJM4565D			
		< JACK >			
J2000	1-820-056-11	JACK (SMALL TYPE) (AUTO CAL MIC)			

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R2000	1-247-831-11	CARBON	1K	5%	1/4W
R2001	1-249-429-11	CARBON	10K	5%	1/4W
R2003	1-249-429-11	CARBON	10K	5%	1/4W
R2005	1-247-903-00	CARBON	1M	5%	1/4W
R2006	1-247-831-11	CARBON	1K	5%	1/4W
R2007	1-249-429-11	CARBON	10K	5%	1/4W
R2008	1-247-897-11	CARBON	560K	5%	1/4W
R2010	1-249-429-11	CARBON	10K	5%	1/4W
R2015	1-249-435-11	CARBON	33K	5%	1/4W
R2016	1-249-431-11	CARBON	15K	5%	1/4W
R2017	1-249-421-11	CARBON	2.2K	5%	1/4W
R2018	1-249-418-11	CARBON	1.2K	5%	1/4W
R2019	1-249-421-11	CARBON	2.2K	5%	1/4W
		< LEAD WIRE >			
TP2000	1-775-377-21	LEAD (WITH CONNECTOR)			
**********					
	A-1168-994-A	DC-SPEAKER A BOARD, COMPLETE			(US,CND,E2)
	A-1169-108-A	DC-SPEAKER A BOARD, COMPLETE			(MY,SP,TW)
		**********			
		< CAPACITOR >			
C601	1-128-809-11	CERAMIC	100PF	5%	50V
C602	1-128-809-11	CERAMIC	100PF	5%	50V
C851	1-127-888-11	CERAMIC	0.1uF	10%	50V
C852	1-127-888-11	CERAMIC	0.1uF	10%	50V
C853	1-126-939-11	ELECT	10000uF	20%	16V
C854	1-126-936-11	ELECT	3300uF	20%	16V
C861	1-127-888-11	CERAMIC	0.1uF	10%	50V
C862	1-127-888-11	CERAMIC	0.1uF	10%	50V
C863	1-126-941-11	ELECT	470uF	20%	25V
C864	1-126-943-11	ELECT	2200uF	20%	25V
CC14	1-127-872-11	CERAMIC	0.0047uF	10%	50V (MY,SP,TW)
CC15	1-127-872-11	CERAMIC	0.0047uF	10%	50V (MY,SP,TW)
		< CONNECTOR >			
CN815	1-779-978-11	PIN, CONNECTOR 3P			
CN851	1-785-102-11	PIN, CONNECTOR (3.96mm PITCH) 4P			
CNP814	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			

Ref. No.	Part No.	Description			Remark
CNP817	1-779-977-11	PIN, CONNECTOR 6P			
CNS811	1-770-010-21	CONNECTOR, BOARD TO BOARD 4P			
		< DIODE >			
D500	8-719-991-33	DIODE 1SS133T-77			
D865	8-719-028-23	DIODE D3SBA20-4101			
D866	8-719-028-23	DIODE D3SBA20-4101			
		< TRANSISTOR >			
Q500	8-729-119-78	TRANSISTOR 2SC2785-HFE			
		< RESISTOR >			
R505	1-249-421-11	CARBON	2.2K	5%	1/4W
R506	1-249-402-11	CARBON	56	5%	1/4W F
⚠R851	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
⚠R852	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
⚠R861	1-219-591-11	FUSIBLE	0.1	5%	1/2W F
⚠R862	1-219-591-11	FUSIBLE	0.1	5%	1/2W F
RR14	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR15	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
		< RELAY >			
RY500	1-755-170-11	RELAY (12V)			
		< TERMINAL BOARD >			
TM600	1-780-215-11	TERMINAL BOARD (4P) (SPEAKERS FRONT A)			
**********					
	A-1168-987-A	DIGITAL BOARD, COMPLETE (US,CND)			
	A-1169-164-A	DIGITAL BOARD, COMPLETE (E2)			
	A-1188-601-A	DIGITAL BOARD, COMPLETE (MY,SP)			
	A-1188-610-A	DIGITAL BOARD, COMPLETE (TW)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C1001	1-126-925-11	ELECT	470uF	20%	10V
C1002	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1004	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1005	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1021	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1022	1-126-925-11	ELECT	470uF	20%	10V
C1031	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1032	1-126-925-11	ELECT	470uF	20%	10V
C1045	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1046	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1047	1-104-662-11	ELECT	22uF	20%	25V
C1100	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1102	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1103	1-126-947-11	ELECT	47uF	20%	35V
C1104	1-216-864-11	SHORT CHIP	0		
C1105	1-216-864-11	SHORT CHIP	0		
C1107	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1108	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1118	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1119	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1120	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1121	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1122	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1123	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1124	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1125	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1128	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1129	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1130	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1131	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1132	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1133	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1134	1-126-947-11	ELECT	47uF	20%	35V
C1137	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C1138	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1139	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1140	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1141	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1142	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1144	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1145	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1146	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1149	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1171	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1172	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1251	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1252	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1253	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1254	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1299	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1301	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1302	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1303	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1304	1-110-563-11	CERAMIC CHIP	0.068uF	10%	16V
C1305	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1306	1-126-947-11	ELECT	47uF	20%	35V
C1308	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1309	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1310	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C1312	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1314	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1315	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1316	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1317	1-126-925-11	ELECT	470uF	20%	10V
C1351	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1352	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1353	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1354	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1355	1-104-662-11	ELECT	22uF	20%	25V
C1357	1-162-905-11	CERAMIC CHIP	1PF	0.25PF	50V
C1358	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1359	1-126-916-11	ELECT	1000uF	20%	6.3V
C1360	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C1361	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1362	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1401	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1402	1-126-947-11	ELECT	47uF	20%	35V

Ref. No.	Part No.	Description			Remark
C1403	1-126-964-11	ELECT	10uF	20%	50V
C1404	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1405	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1406	1-126-963-11	ELECT	4.7uF	20%	50V
C1407	1-126-963-11	ELECT	4.7uF	20%	50V
C1408	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C1409	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1411	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1413	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1418	1-126-964-11	ELECT	10uF	20%	50V
C1422	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1423	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1428	1-126-964-11	ELECT	10uF	20%	50V
C1432	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1433	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1438	1-126-964-11	ELECT	10uF	20%	50V
C1441	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1442	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1448	1-126-964-11	ELECT	10uF	20%	50V
C1450	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1451	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1453	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1454	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1457	1-126-964-11	ELECT	10uF	20%	50V
C1458	1-126-964-11	ELECT	10uF	20%	50V
C1460	1-126-964-11	ELECT	10uF	20%	50V
C1462	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1463	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1468	1-126-964-11	ELECT	10uF	20%	50V
C1472	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1473	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1478	1-126-964-11	ELECT	10uF	20%	50V
C1481	1-162-961-11	CERAMIC CHIP	330PF	10%	50V
C1483	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C1487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1488	1-126-964-11	ELECT	10uF	20%	50V
C1491	1-126-964-11	ELECT	10uF	20%	50V
C1494	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1495	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C1501	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1502	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1503	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1504	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1505	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1506	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1507	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1508	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1509	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1510	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1511	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1513	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1514	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1515	1-126-925-11	ELECT	470uF	20%	10V
C1516	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1517	1-126-925-11	ELECT	470uF	20%	10V
C1518	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1519	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1520	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description			Remark
C1521	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1522	1-162-920-11	CERAMIC CHIP	27PF	5%	50V
C1525	1-126-925-11	ELECT	470uF	20%	10V
C1547	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1557	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1558	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1566	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1567	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1568	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1569	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C1601	1-162-974-11	CERAMIC CHIP	0.01uF		50V
C1602	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C1604	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1605	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1620	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1905	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1906	1-126-925-11	ELECT	470uF	20%	10V
C1908	1-126-925-11	ELECT	470uF	20%	10V
C1913	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C1914	1-126-947-11	ELECT	47uF	20%	35V
C2216	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2217	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C2218	1-126-947-11	ELECT	47uF	20%	35V

< CONNECTOR >

CNP503	1-784-922-11	PIN, CONNECTOR 5P
CNP504	1-784-923-11	PIN, CONNECTOR 7P
CNP505	1-784-925-11	PIN, CONNECTOR 10P
CNS501	1-573-829-11	CONNECTOR, BOARD TO BOARD 15P
CNS502	1-766-719-41	CONNECTOR, BOARD TO BOARD 10P
CNS503	1-568-828-11	CONNECTOR, FFC 9P (US,CND)
CNS504	1-568-828-11	CONNECTOR, FFC 9P
CNS505	1-784-788-11	CONNECTOR, FFC 27P
CNS508	1-568-830-11	CONNECTOR, FFC 11P
CNS509	1-568-838-11	CONNECTOR, FFC 21P

< DIODE >

D1001	8-719-053-18	DIODE 1SR154-400TE-25
D1003	8-719-049-09	DIODE 1SS367-T3SONY
D1004	8-719-049-09	DIODE 1SS367-T3SONY
D1107	6-501-193-01	DIODE 1SS355WTE-17
D1108	6-501-193-01	DIODE 1SS355WTE-17
D1110	6-501-193-01	DIODE 1SS355WTE-17
D1111	6-501-193-01	DIODE 1SS355WTE-17
D1301	6-501-193-01	DIODE 1SS355WTE-17
D1302	6-501-193-01	DIODE 1SS355WTE-17
D1501	8-719-049-09	DIODE 1SS367-T3SONY
D1502	8-719-049-09	DIODE 1SS367-T3SONY
D1503	8-719-049-09	DIODE 1SS367-T3SONY
D1504	8-719-049-09	DIODE 1SS367-T3SONY

< FERRITE BEAD >

FB1101	1-400-862-11	BEAD, FERRITE
FB1302	1-400-862-11	BEAD, FERRITE
FB1305	1-400-862-11	BEAD, FERRITE
FB1306	1-400-862-11	BEAD, FERRITE
FB1308	1-400-862-11	BEAD, FERRITE
FB1309	1-469-710-21	FERRITE, EMI (SMD) (2012)

Ref. No.	Part No.	Description			Remark
FB1405	1-400-862-11	BEAD, FERRITE			
FB1452	1-400-862-11	BEAD, FERRITE			
FB1453	1-400-862-11	BEAD, FERRITE			
FB1501	1-400-862-11	BEAD, FERRITE			
FB1502	1-400-862-11	BEAD, FERRITE			
FB1503	1-400-862-11	BEAD, FERRITE			
FB2034	1-400-862-11	BEAD, FERRITE			
		< IC >			
IC1001	8-759-231-53	IC TA7805S			
IC1031	6-705-464-01	IC BA50BC0T			
IC1101	6-806-167-01	IC MB90488BPF-G-179E1			
IC1103	8-759-242-70	IC TC7WU04F			
IC1111	6-702-913-01	IC S-80929CNMC-G8ZT2G			
IC1131	6-705-866-01	IC BR24L16FJ-WE2			
IC1301	6-805-692-01	IC LC890561W			
IC1302	8-759-595-15	IC TC74ACT153F(EL)			
IC1303	8-759-242-70	IC TC7WU04F			
IC1351	6-600-466-01	IC TORX147L (DIGITAL TV/SAT IN (OPTICAL))			
IC1352	6-600-466-01	IC TORX147L (DIGITAL MD/TAPE IN (OPTICAL))			
IC1353	6-600-461-11	IC TOTX147L(RED) (DIGITAL MD/TAPE OUT (OPTICAL))			
IC1354	6-600-466-01	IC TORX147L (DIGITAL VIDEO 1 IN (OPTICAL))			
IC1401	8-759-560-56	IC PCM1800E/2K			
IC1403	8-759-710-97	IC NJM4565M-D			
IC1404	8-759-710-97	IC NJM4565M-D			
IC1405	8-759-710-97	IC NJM4565M-D			
IC1406	8-759-710-97	IC NJM4565M-D			
IC1452	6-708-785-01	IC PCM1609APT			
IC1501	6-705-900-01	IC CXD9718BQ			
IC1502	6-709-278-01	IC IS61WV6416BLL-12TLI			
IC1503	8-759-546-74	IC TC7WH157FU(TE12R)			
IC1601	8-759-268-29	IC SN74HC595ANS			
IC1602	8-759-268-29	IC SN74HC595ANS			
IC1901	6-701-887-02	IC SI-3004KWF			
IC1902	6-703-550-01	IC TA7809LS			
IC1904	6-705-463-01	IC BA33BC0T			
		< JACK >			
J1301	1-818-314-11	JACK, PIN 2P (DIGITAL DVD IN (COAXIAL), SA-CD/CD IN (COAXIAL))			
		< JUMPER RESISTOR >			
JR1007	1-216-864-11	SHORT CHIP	0		
JR1015	1-211-950-11	SHORT CHIP	0		
JR1016	1-211-950-11	SHORT CHIP	0		
JR1019	1-100-566-11	CERAMIC CHIP	0.1uF	10% 25V	
JR1020	1-216-864-11	SHORT CHIP	0		
JR1104	1-216-864-11	SHORT CHIP	0		
JR1202	1-216-864-11	SHORT CHIP	0		
JR1207	1-211-950-11	SHORT CHIP	0		
JR1511	1-400-862-11	BEAD, FERRITE			
		< RESISTOR >			
R1010	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1011	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1012	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1013	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1014	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1015	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1016	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1017	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1035	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1039	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1041	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1042	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1044	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1049	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1055	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1056	1-216-854-11	METAL CHIP	560K	5% 1/10W	
R1057	1-216-837-11	METAL CHIP	22K	5% 1/10W	
R1060	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R1061	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1062	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1063	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1065	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1066	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1067	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1068	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1071	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1072	1-216-827-11	METAL CHIP	3.3K	5% 1/10W	
R1073	1-216-827-11	METAL CHIP	3.3K	5% 1/10W	
R1076	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1077	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1078	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1081	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1082	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1083	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1085	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1086	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1088	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1094	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1095	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1096	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1097	1-216-845-11	METAL CHIP	100K	5% 1/10W	
R1102	1-216-864-11	SHORT CHIP	0		
R1105	1-216-833-11	METAL CHIP	10K	5% 1/10W	
R1106	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1107	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1108	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1109	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1110	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1111	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1112	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1113	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1114	1-216-825-11	METAL CHIP	2.2K	5% 1/10W	
R1115	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1116	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1117	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R1118	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R1119	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R1120	1-216-821-11	METAL CHIP	1K	5% 1/10W	
R1121	1-216-809-11	METAL CHIP	100	5% 1/10W	
R1122	1-216-809-11	METAL CHIP	100	5% 1/10W	

Ref. No.	Part No.	Description			Remark
R1123	1-216-809-11	METAL CHIP	100	5%	1/10W
R1124	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-809-11	METAL CHIP	100	5%	1/10W
R1126	1-216-809-11	METAL CHIP	100	5%	1/10W
R1127	1-216-809-11	METAL CHIP	100	5%	1/10W
R1128	1-216-809-11	METAL CHIP	100	5%	1/10W
R1129	1-216-809-11	METAL CHIP	100	5%	1/10W
R1130	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1134	1-216-809-11	METAL CHIP	100	5%	1/10W
R1135	1-216-809-11	METAL CHIP	100	5%	1/10W
R1136	1-216-809-11	METAL CHIP	100	5%	1/10W
R1137	1-216-809-11	METAL CHIP	100	5%	1/10W
R1140	1-216-809-11	METAL CHIP	100	5%	1/10W
R1142	1-216-809-11	METAL CHIP	100	5%	1/10W
R1143	1-216-809-11	METAL CHIP	100	5%	1/10W
R1144	1-216-809-11	METAL CHIP	100	5%	1/10W
R1149	1-216-809-11	METAL CHIP	100	5%	1/10W
R1150	1-216-809-11	METAL CHIP	100	5%	1/10W
R1151	1-216-809-11	METAL CHIP	100	5%	1/10W
R1152	1-216-809-11	METAL CHIP	100	5%	1/10W
R1153	1-216-809-11	METAL CHIP	100	5%	1/10W
R1154	1-216-809-11	METAL CHIP	100	5%	1/10W
R1155	1-216-809-11	METAL CHIP	100	5%	1/10W
R1156	1-216-864-11	SHORT CHIP	0		
R1157	1-216-864-11	SHORT CHIP	0		
R1159	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R1160	1-216-809-11	METAL CHIP	100	5%	1/10W
R1161	1-216-809-11	METAL CHIP	100	5%	1/10W
R1162	1-216-809-11	METAL CHIP	100	5%	1/10W
R1171	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1172	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1173	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1174	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1179	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1180	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1181	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1182	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1183	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1184	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1185	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1186	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1187	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1188	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1189	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1190	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1191	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1192	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1193	1-216-833-11	METAL CHIP	10K	5%	1/10W (TW)
R1193	1-216-841-11	METAL CHIP	47K	5%	1/10W (E2,MY,SP)
R1194	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (MY,SP)
R1194	1-216-837-11	METAL CHIP	22K	5%	1/10W (E2)
R1194	1-216-864-11	SHORT CHIP	0 (US,CND)		
R1202	1-216-809-11	METAL CHIP	100	5%	1/10W
R1203	1-216-809-11	METAL CHIP	100	5%	1/10W
R1251	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1252	1-216-840-11	METAL CHIP	39K	5%	1/10W
R1260	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1261	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1301	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R1303	1-216-864-11	SHORT CHIP	0		
R1304	1-216-813-11	METAL CHIP	220	5%	1/10W
R1305	1-216-819-11	METAL CHIP	680	5%	1/10W
R1306	1-216-801-11	METAL CHIP	22	5%	1/10W
R1307	1-216-809-11	METAL CHIP	100	5%	1/10W
R1308	1-216-809-11	METAL CHIP	100	5%	1/10W
R1309	1-216-809-11	METAL CHIP	100	5%	1/10W
R1310	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1311	1-216-809-11	METAL CHIP	100	5%	1/10W
R1312	1-216-809-11	METAL CHIP	100	5%	1/10W
R1313	1-216-809-11	METAL CHIP	100	5%	1/10W
R1314	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1315	1-216-809-11	METAL CHIP	100	5%	1/10W
R1316	1-216-809-11	METAL CHIP	100	5%	1/10W
R1318	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1319	1-216-864-11	SHORT CHIP	0		
R1320	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1322	1-216-864-11	SHORT CHIP	0		
R1351	1-216-809-11	METAL CHIP	100	5%	1/10W
R1352	1-216-809-11	METAL CHIP	100	5%	1/10W
R1353	1-216-809-11	METAL CHIP	100	5%	1/10W
R1354	1-216-809-11	METAL CHIP	100	5%	1/10W
R1355	1-218-285-11	METAL CHIP	75	5%	1/10W
R1356	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1357	1-216-837-11	METAL CHIP	22K	5%	1/10W
R1358	1-216-854-11	METAL CHIP	560K	5%	1/10W
R1359	1-216-809-11	METAL CHIP	100	5%	1/10W
R1360	1-216-809-11	METAL CHIP	100	5%	1/10W
R1361	1-216-809-11	METAL CHIP	100	5%	1/10W
R1362	1-216-809-11	METAL CHIP	100	5%	1/10W
R1366	1-218-285-11	METAL CHIP	75	5%	1/10W
R1401	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1402	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1403	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1407	1-216-809-11	METAL CHIP	100	5%	1/10W
R1414	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1416	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1420	1-216-864-11	SHORT CHIP	0		
R1421	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1424	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1425	1-216-864-11	SHORT CHIP	0		
R1426	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1434	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1435	1-216-864-11	SHORT CHIP	0		
R1436	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1444	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1445	1-216-864-11	SHORT CHIP	0		
R1446	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1454	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1455	1-216-864-11	SHORT CHIP	0		
R1456	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1460	1-216-864-11	SHORT CHIP	0		
R1461	1-216-864-11	SHORT CHIP	0		
R1463	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W

Ref. No.	Part No.	Description			Remark
R1464	1-216-864-11	SHORT CHIP	0		
R1466	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1470	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1471	1-216-864-11	SHORT CHIP	0		
R1472	1-216-864-11	SHORT CHIP	0		
R1473	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1474	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1475	1-216-864-11	SHORT CHIP	0		
R1476	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1483	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1484	1-216-864-11	SHORT CHIP	0		
R1486	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1490	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1491	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1492	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1493	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1494	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1495	1-218-867-11	METAL CHIP	6.8K	0.5%	1/10W
R1501	1-216-809-11	METAL CHIP	100	5%	1/10W
R1502	1-216-809-11	METAL CHIP	100	5%	1/10W
R1503	1-216-813-11	METAL CHIP	220	5%	1/10W
R1504	1-216-809-11	METAL CHIP	100	5%	1/10W
R1505	1-216-809-11	METAL CHIP	100	5%	1/10W
R1506	1-216-809-11	METAL CHIP	100	5%	1/10W
R1507	1-216-809-11	METAL CHIP	100	5%	1/10W
R1508	1-216-809-11	METAL CHIP	100	5%	1/10W
R1509	1-216-809-11	METAL CHIP	100	5%	1/10W
R1510	1-216-809-11	METAL CHIP	100	5%	1/10W
R1511	1-216-809-11	METAL CHIP	100	5%	1/10W
R1512	1-216-821-11	METAL CHIP	1K	5%	1/10W
R1513	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1515	1-216-857-11	METAL CHIP	1M	5%	1/10W
R1523	1-216-813-11	METAL CHIP	220	5%	1/10W
R1524	1-216-864-11	SHORT CHIP	0		
R1530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R1541	1-216-813-11	METAL CHIP	220	5%	1/10W
R1555	1-216-813-11	METAL CHIP	220	5%	1/10W
R1556	1-216-809-11	METAL CHIP	100	5%	1/10W
R1557	1-216-813-11	METAL CHIP	220	5%	1/10W
R1570	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1571	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1572	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1573	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1574	1-216-833-11	METAL CHIP	10K	5%	1/10W
R1635	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1636	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R1801	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1802	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1803	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1804	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1805	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1806	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)
R1807	1-216-809-11	METAL CHIP	100	5%	1/10W (US,CND)

< NETWORK RESISTOR >

RB1500	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1501	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1502	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1503	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1504	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1506	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1507	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	
RB1508	1-233-576-11	RES, CHIP NETWORK 100X4 (3216)	

< VIBRATOR >

X1101	1-813-448-21	PIEZOELECTRIC OSCILLATOR (24MHz)	
X1301	1-795-126-21	VIBRATOR, CRYSTAL (12.288MHz)	
X1502	1-813-276-21	QUARTZ, CRYSTAL (13.9MHz)	

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	A-1168-998-A	DISPLAY BOARD, COMPLETE (US,CND)	
	A-1169-119-A	DISPLAY BOARD, COMPLETE (MY,SP,TW)	
	A-1169-168-A	DISPLAY BOARD, COMPLETE (E2)	
		**********	
	4-244-786-01	HOLDER, FL (DE9)	
*	4-955-901-01	CUSHION (FL)	

< CAPACITOR >

C105	1-127-888-11	CERAMIC	0.1uF	10%	50V
C161	1-127-888-11	CERAMIC	0.1uF	10%	50V
C181	1-128-811-11	CERAMIC	150PF	5%	50V
C182	1-128-825-11	CERAMIC	0.0022uF	5%	50V
C184	1-128-809-11	CERAMIC	100PF	5%	50V
C185	1-128-809-11	CERAMIC	100PF	5%	50V
C189	1-127-888-11	CERAMIC	0.1uF	10%	50V
C192	1-126-964-11	ELECT	10uF	20%	50V
C193	1-127-888-11	CERAMIC	0.1uF	10%	50V
C194	1-127-888-11	CERAMIC	0.1uF	10%	50V
C195	1-126-964-11	ELECT	10uF	20%	50V

< CONNECTOR >

* CN102	1-691-406-11	CONNECTOR, BOARD TO BOARD 7P	
CNS101	1-784-788-11	CONNECTOR, FFC 27P	

< DIODE >

D101	6-500-647-01	LED SEL5E20C-STP15	(MULTI CHANNEL DECODING)

< VACUUM FLUORESCENT DISPLAY >

FL101	1-519-875-11	VACUUM FLUORESCENT DISPLAY	

< IC >

IC100	6-804-183-01	IC 86CK74AFG-5DC1	
IC103	6-600-174-01	IC RPM7240-H4 (IR)	

< TRANSISTOR >

Q101	8-729-029-72	TRANSISTOR DTC114YSA	

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R101	1-249-409-11	CARBON	220	5%	1/4W
R102	1-249-411-11	CARBON	330	5%	1/4W
R103	1-249-413-11	CARBON	470	5%	1/4W
R104	1-249-415-11	CARBON	680	5%	1/4W
R105	1-247-831-11	CARBON	1K	5%	1/4W
R106	1-249-419-11	CARBON	1.5K	5%	1/4W
R107	1-249-421-11	CARBON	2.2K	5%	1/4W
R111	1-249-409-11	CARBON	220	5%	1/4W
R112	1-249-411-11	CARBON	330	5%	1/4W
R113	1-249-413-11	CARBON	470	5%	1/4W
R157	1-247-903-00	CARBON	1M	5%	1/4W
R161	1-247-804-11	CARBON	75	5%	1/4W
R162	1-249-429-11	CARBON	10K	5%	1/4W
R170	1-247-879-11	CARBON	100K	5%	1/4W
R171	1-247-879-11	CARBON	100K	5%	1/4W
R172	1-247-879-11	CARBON	100K	5%	1/4W
R173	1-247-879-11	CARBON	100K	5%	1/4W
R174	1-247-879-11	CARBON	100K	5%	1/4W
R181	1-247-807-31	CARBON	100	5%	1/4W
R182	1-247-807-31	CARBON	100	5%	1/4W
R183	1-247-871-11	CARBON	47K	5%	1/4W
R184	1-247-807-31	CARBON	100	5%	1/4W
R185	1-247-807-31	CARBON	100	5%	1/4W
R187	1-247-807-31	CARBON	100	5%	1/4W
R188	1-247-871-11	CARBON	47K	5%	1/4W
R189	1-247-871-11	CARBON	47K	5%	1/4W
R190	1-247-871-11	CARBON	47K	5%	1/4W
R198	1-249-385-11	CARBON	2.2	5%	1/4W F (E2,MY,SP,TW)
R198	1-249-391-81	CARBON	6.8	5%	1/4W F (US,CND)
R199	1-249-385-11	CARBON	2.2	5%	1/4W F (E2,MY,SP,TW)
R199	1-249-391-81	CARBON	6.8	5%	1/4W F (US,CND)
		< ROTARY ENCODER >			
RV103	1-418-725-41	ENCODER, ROTARY (12 TYPE) (MASTER VOLUME)			
RV104	1-418-817-11	ENCODER, ROTARY (INPUT SELECTOR)			
		< SWITCH >			
S100	1-771-410-21	SWITCH, TACTILE (MUSIC)			
S101	1-771-410-21	SWITCH, TACTILE (MOVIE)			
S102	1-771-410-21	SWITCH, TACTILE (A.F.D.)			
S103	1-771-410-21	SWITCH, TACTILE (2CH)			
S104	1-771-410-21	SWITCH, TACTILE (DISPLAY)			
S105	1-771-410-21	SWITCH, TACTILE (INPUT MODE)			
S106	1-771-410-21	SWITCH, TACTILE (MULTI CH IN)			
S107	1-771-410-21	SWITCH, TACTILE (DIRECT)			
S110	1-771-410-21	SWITCH, TACTILE (CATEGORY +) (US,CND)			
S110	1-771-410-21	SWITCH, TACTILE (SUR BACK DECODING) (E2,MY,SP,TW)			
S111	1-771-410-21	SWITCH, TACTILE (CATEGORY –) (US,CND)			
S111	1-771-410-21	SWITCH, TACTILE (SLEEP) (E2,MY,SP,TW)			
S112	1-771-410-21	SWITCH, TACTILE (CATEGORY MODE) (US,CND)			
S112	1-771-410-21	SWITCH, TACTILE (DIMMER) (E2,MY,SP,TW)			
S113	1-771-410-21	SWITCH, TACTILE (MEMORY/ENTER)			
		< LEAD WIRE >			
* TP102	1-690-880-31	LEAD (WITH CONNECTOR)			
		< VIBRATOR >			
X101	1-579-952-21	VIBRATOR, CERAMIC (8MHz)			
**********					
	A-1158-394-A	HDMI SW BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C5001	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5002	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5003	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5004	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5005	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5006	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5007	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5008	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5009	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5010	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5011	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5012	1-117-681-11	ELECT CHIP	100uF	20%	16V
C5013	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C5014	1-126-246-11	ELECT CHIP	220uF	20%	4V
C5015	1-128-994-21	ELECT CHIP	47uF	20%	10V
C5016	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5017	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C5018	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C5019	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5020	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C5021	1-117-681-11	ELECT CHIP	100uF	20%	16V
C5022	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5023	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C5024	1-128-934-11	CERAMIC CHIP	0.33uF	20%	10V
C5027	1-128-994-21	ELECT CHIP	47uF	20%	10V
		< CONNECTOR >			
CN5001	1-818-086-41	CONNECTOR, HDMI 19P (HDMI DVD IN (ASSIGNABLE))			
CN5002	1-818-086-41	CONNECTOR, HDMI 19P (HDMI TV/SAT IN (ASSIGNABLE))			
CN5003	1-818-086-41	CONNECTOR, HDMI 19P (HDMI MONITOR OUT)			
* CN5004	1-770-470-21	PIN, CONNECTOR (PC BOARD) 6P			
		< IC >			
IC5001	6-709-221-01	IC TMDS341PFCR			
IC5002	6-705-337-01	IC TK11150CSCL-G			
IC5003	6-705-468-01	IC BA33BC0FP-E2			
IC5004	6-704-351-01	IC SN74LVC2G08DCUR			
IC5005	6-707-207-01	IC SN74LVC1G3157DCKR			
IC5006	6-706-740-01	IC BA00BC0WFP-E2			
		< FERRITE BEAD >			
L5013	1-400-862-11	BEAD, FERRITE			

Ref. No.	Part No.	Description			Remark
		< RESISTOR >			
R5001	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W
R5002	1-218-844-11	METAL CHIP	750	0.5%	1/10W
R5003	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5004	1-216-864-11	SHORT CHIP	0		
R5005	1-216-864-11	SHORT CHIP	0		
R5006	1-216-864-11	SHORT CHIP	0		
R5007	1-216-864-11	SHORT CHIP	0		
R5008	1-216-864-11	SHORT CHIP	0		
R5009	1-216-864-11	SHORT CHIP	0		
R5010	1-216-864-11	SHORT CHIP	0		
R5011	1-216-864-11	SHORT CHIP	0		
R5014	1-216-864-11	SHORT CHIP	0		
R5015	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5016	1-216-864-11	SHORT CHIP	0		
R5017	1-216-864-11	SHORT CHIP	0		
R5018	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5019	1-216-864-11	SHORT CHIP	0		
R5020	1-216-864-11	SHORT CHIP	0		
R5022	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5024	1-216-864-11	SHORT CHIP	0		
R5025	1-216-864-11	SHORT CHIP	0		
R5026	1-216-809-11	METAL CHIP	100	5%	1/10W
R5027	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5028	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5029	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5030	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5042	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R5043	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R5047	1-216-864-11	SHORT CHIP	0		
R5048	1-216-864-11	SHORT CHIP	0		
R5049	1-216-864-11	SHORT CHIP	0		
R5050	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5051	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R5052	1-216-841-11	METAL CHIP	47K	5%	1/10W
R5053	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R5054	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5055	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5056	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5060	1-216-864-11	SHORT CHIP	0		
R5061	1-216-864-11	SHORT CHIP	0		
R5068	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5069	1-216-845-11	METAL CHIP	100K	5%	1/10W
R5072	1-216-809-11	METAL CHIP	100	5%	1/10W
R5073	1-216-864-11	SHORT CHIP	0		
R5074	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
**********					
		HP-VIDEO3 BOARD			
		**********			
		< CAPACITOR >			
C4081	1-135-798-11	CERAMIC	0.22uF		50V
C4088	1-127-888-11	CERAMIC	0.1uF	10%	50V
C4089	1-127-888-11	CERAMIC	0.1uF	10%	50V
C4096	1-127-888-11	CERAMIC	0.1uF	10%	50V
C4097	1-127-868-11	CERAMIC	0.0022uF	10%	50V

Ref. No.	Part No.	Description			Remark
		< CONNECTOR >			
CNP4081	1-779-978-11	PIN, CONNECTOR 3P			
CNP4091	1-784-922-11	PIN, CONNECTOR 5P			
CNP4092	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
		< EARTH TERMINAL >			
* EP4086	1-537-738-21	TERMINAL, EARTH			
* EP4091	1-537-738-21	TERMINAL, EARTH			
		< IC >			
IC4081	6-600-219-01	IC GP1FM313RZ0F (VIDEO 3 IN/PORTABLE AV IN DIGITAL(OPT))			
		< JACK >			
J4086	1-815-313-11	JACK (PHONES)			
J4091	1-770-571-11	JACK BLOCK, PIN (L TYPE) 3P (VIDEO 3 IN/PORTABLE AV IN VIDEO,AUDIO)			
		< RESISTOR >			
R4092	1-259-428-61	CARBON	1K	5%	1/6W
R4093	1-259-428-61	CARBON	1K	5%	1/6W
R4094	1-215-394-00	METAL	75	1%	1/4W
**********					
	A-1168-980-A	MAIN BOARD, COMPLETE (US,CND)			
	A-1178-352-A	MAIN BOARD, COMPLETE (E2)			
	A-1188-600-A	MAIN BOARD, COMPLETE (MY,SP,TW)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C200	1-126-923-11	ELECT	220uF	20%	10V
C201	1-126-964-11	ELECT	10uF	20%	50V
C220	1-128-560-11	ELECT	22uF	20%	100V
C221	1-128-560-11	ELECT	22uF	20%	100V
C230	1-128-560-11	ELECT	22uF	20%	100V
C231	1-128-560-11	ELECT	22uF	20%	100V
C233	1-128-560-11	ELECT	22uF	20%	100V
C250	1-126-967-11	ELECT	47uF	20%	50V
C251	1-126-967-11	ELECT	47uF	20%	50V
C252	1-126-947-11	ELECT	47uF	20%	35V
C255	1-126-923-11	ELECT	220uF	20%	10V
C260	1-137-194-81	FILM	0.47uF	5%	50V
C261	1-126-925-11	ELECT	470uF	20%	10V
C265	1-137-194-81	FILM	0.47uF	5%	50V
C266	1-126-925-11	ELECT	470uF	20%	10V
C290	1-107-935-11	ELECT	330uF	20%	100V
C300	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C301	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
C302	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (MY,SP,TW)
C303	1-126-961-11	ELECT	2.2uF	20%	50V
C304	1-126-923-11	ELECT	220uF	20%	10V
C305	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
C306	1-125-896-11	MYLAR	0.0091uF	5%	50V
C307	1-136-159-00	FILM	0.033uF	5%	50V

Ref. No.	Part No.	Description			Remark
C308	1-124-257-00	ELECT	2.2uF	20%	50V
C309	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C310	1-130-471-00	MYLAR	0.001uF	5%	50V
C313	1-126-964-11	ELECT	10uF	20%	50V
C332	1-126-964-11	ELECT	10uF	20%	50V
C333	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (MY,SP,TW)
C341	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C343	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C344	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C351	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
C352	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (MY,SP,TW)
C353	1-126-961-11	ELECT	2.2uF	20%	50V
C354	1-126-923-11	ELECT	220uF	20%	10V
C355	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
C356	1-125-896-11	MYLAR	0.0091uF	5%	50V
C357	1-136-159-00	FILM	0.033uF	5%	50V
C358	1-124-257-00	ELECT	2.2uF	20%	50V
C359	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C360	1-130-471-00	MYLAR	0.001uF	5%	50V
C363	1-126-964-11	ELECT	10uF	20%	50V
C382	1-126-964-11	ELECT	10uF	20%	50V
C383	1-162-960-11	CERAMIC CHIP	220PF	10%	50V (MY,SP,TW)
C390	1-126-964-11	ELECT	10uF	20%	50V
C395	1-126-964-11	ELECT	10uF	20%	50V
C400	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C403	1-126-964-11	ELECT	10uF	20%	50V
C408	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C409	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C411	1-126-964-11	ELECT	10uF	20%	50V
C412	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C413	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C414	1-102-233-00	CERAMIC	33PF	10%	500V
C415	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C416	1-126-923-11	ELECT	220uF	20%	10V
C417	1-126-947-11	ELECT	47uF	20%	35V
C418	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C421	1-126-947-11	ELECT	47uF	20%	35V
C423	1-102-233-00	CERAMIC	33PF	10%	500V
C424	1-102-233-00	CERAMIC	33PF	10%	500V
C425	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C426	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C427	1-126-964-11	ELECT	10uF	20%	50V
C428	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V
C429	1-126-947-11	ELECT	47uF	20%	35V
C431	1-136-497-81	FILM	0.1uF	5%	50V
C432	1-136-161-00	FILM	0.047uF	5%	50V
C440	1-126-964-11	ELECT	10uF	20%	50V
C461	1-126-964-11	ELECT	10uF	20%	50V
C462	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C463	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C464	1-102-233-00	CERAMIC	33PF	10%	500V
C465	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C466	1-126-923-11	ELECT	220uF	20%	10V
C471	1-126-947-11	ELECT	47uF	20%	35V

Ref. No.	Part No.	Description			Remark
C473	1-102-233-00	CERAMIC	33PF	10%	500V
C474	1-102-233-00	CERAMIC	33PF	10%	500V
C475	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C476	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C477	1-126-964-11	ELECT	10uF	20%	50V
C478	1-126-964-11	ELECT	10uF	20%	50V
C479	1-126-964-11	ELECT	10uF	20%	50V
C481	1-136-497-81	FILM	0.1uF	5%	50V
C482	1-136-161-00	FILM	0.047uF	5%	50V
C485	1-126-961-11	ELECT	2.2uF	20%	50V
C486	1-124-257-00	ELECT	2.2uF	20%	50V
C490	1-126-964-11	ELECT	10uF	20%	50V
C503	1-126-964-11	ELECT	10uF	20%	50V
C511	1-126-964-11	ELECT	10uF	20%	50V
C512	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C513	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C514	1-102-233-00	CERAMIC	33PF	10%	500V
C515	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C516	1-126-923-11	ELECT	220uF	20%	10V
C521	1-126-947-11	ELECT	47uF	20%	35V
C523	1-102-233-00	CERAMIC	33PF	10%	500V
C524	1-102-233-00	CERAMIC	33PF	10%	500V
C525	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C526	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C527	1-126-964-11	ELECT	10uF	20%	50V
C531	1-136-497-81	FILM	0.1uF	5%	50V
C532	1-136-161-00	FILM	0.047uF	5%	50V
C540	1-126-964-11	ELECT	10uF	20%	50V
C561	1-126-964-11	ELECT	10uF	20%	50V
C562	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C563	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C564	1-102-233-00	CERAMIC	33PF	10%	500V
C565	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C566	1-126-923-11	ELECT	220uF	20%	10V
C571	1-126-947-11	ELECT	47uF	20%	35V
C573	1-102-233-00	CERAMIC	33PF	10%	500V
C575	1-102-233-00	CERAMIC	33PF	10%	500V
C576	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C577	1-126-964-11	ELECT	10uF	20%	50V
C578	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C581	1-136-497-81	FILM	0.1uF	5%	50V
C582	1-136-161-00	FILM	0.047uF	5%	50V
C590	1-126-964-11	ELECT	10uF	20%	50V
C600	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C603	1-126-964-11	ELECT	10uF	20%	50V
C611	1-126-964-11	ELECT	10uF	20%	50V
C612	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C613	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C614	1-102-233-00	CERAMIC	33PF	10%	500V
C615	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C616	1-126-923-11	ELECT	220uF	20%	10V
C621	1-126-947-11	ELECT	47uF	20%	35V
C623	1-102-233-00	CERAMIC	33PF	10%	500V
C624	1-102-233-00	CERAMIC	33PF	10%	500V
C625	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C626	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C627	1-126-964-11	ELECT	10uF	20%	50V
C631	1-136-497-81	FILM	0.1uF	5%	50V

Ref. No.	Part No.	Description			Remark
C632	1-136-161-00	FILM	0.047uF	5%	50V
C640	1-126-964-11	ELECT	10uF	20%	50V
C661	1-126-964-11	ELECT	10uF	20%	50V
C662	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C663	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C664	1-102-233-00	CERAMIC	33PF	10%	500V
C665	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C666	1-126-923-11	ELECT	220uF	20%	10V
C671	1-126-947-11	ELECT	47uF	20%	35V
C673	1-102-233-00	CERAMIC	33PF	10%	500V
C674	1-102-233-00	CERAMIC	33PF	10%	500V
C675	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C676	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C677	1-126-964-11	ELECT	10uF	20%	50V
C681	1-136-497-81	FILM	0.1uF	5%	50V
C682	1-136-161-00	FILM	0.047uF	5%	50V
C690	1-126-964-11	ELECT	10uF	20%	50V
C700	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C703	1-126-964-11	ELECT	10uF	20%	50V
C711	1-126-964-11	ELECT	10uF	20%	50V
C712	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C713	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C714	1-102-233-00	CERAMIC	33PF	10%	500V
C715	1-102-230-00	CERAMIC	4PF	0.25PF	500V
C716	1-126-923-11	ELECT	220uF	20%	10V
C721	1-126-947-11	ELECT	47uF	20%	35V
C723	1-102-233-00	CERAMIC	33PF	10%	500V
C724	1-102-233-00	CERAMIC	33PF	10%	500V
C725	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C726	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C727	1-126-964-11	ELECT	10uF	20%	50V
C731	1-136-497-81	FILM	0.1uF	5%	50V
C732	1-136-161-00	FILM	0.047uF	5%	50V
C750	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C800	1-135-851-21	MYLAR	0.22uF		100V
C802	1-135-851-21	MYLAR	0.22uF		100V
C803	1-165-707-11	ELECT(BLOCK)	10000uF	20%	71V
C804	1-165-707-11	ELECT(BLOCK)	10000uF	20%	71V
C840	1-126-964-11	ELECT	10uF	20%	50V
CC01	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC02	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC11	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V (MY,SP,TW)
CC21	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V (MY,SP,TW)
CC61	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V (MY,SP,TW)
CC71	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V (MY,SP,TW)
CC81	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V (MY,SP,TW)
CC313	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC314	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC363	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC364	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC401	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC451	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC501	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC551	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC601	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC651	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC701	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)
CC751	1-162-927-11	CERAMIC CHIP	100PF	5%	50V (MY,SP,TW)

< CONNECTOR >

CN908	1-785-103-11	PIN, CONNECTOR (3.96mm PITCH) 5P
CNP802	1-691-765-11	PLUG (MICRO CONNECTOR) 3P
CNP811	1-573-847-11	CONNECTOR, BOARD TO BOARD 15P
CNP812	1-766-715-21	CONNECTOR, BOARD TO BOARD 10P
CNS803	1-784-766-11	CONNECTOR, FFC 5P (US,CND)

< DIODE >

D201	8-719-988-61	DIODE 1SS355TE-17
D202	8-719-988-61	DIODE 1SS355TE-17
D203	8-719-988-61	DIODE 1SS355TE-17
D204	8-719-988-61	DIODE 1SS355TE-17
D220	8-719-988-61	DIODE 1SS355TE-17
D221	8-719-083-66	DIODE UDZSTE-1718B (US,CND,E2)
D221	8-719-083-83	DIODE UDZS-TE17-15B (MY,SP,TW)
D224	8-719-083-66	DIODE UDZSTE-1718B (US,CND,E2)
D224	8-719-083-83	DIODE UDZS-TE17-15B (MY,SP,TW)
D235	8-719-988-61	DIODE 1SS355TE-17
D240	8-719-988-61	DIODE 1SS355TE-17
D250	8-719-083-87	DIODE UDZSTE-1733B
D251	6-500-579-01	DIODE PTZ-TE25-6.8B
D265	8-719-053-18	DIODE 1SR154-400TE-25
D290	8-719-053-18	DIODE 1SR154-400TE-25
D291	8-719-053-18	DIODE 1SR154-400TE-25
D300	8-719-988-61	DIODE 1SS355TE-17
D351	8-719-988-61	DIODE 1SS355TE-17
D400	8-719-988-61	DIODE 1SS355TE-17
D425	8-719-988-61	DIODE 1SS355TE-17
D426	8-719-988-61	DIODE 1SS355TE-17
D475	8-719-988-61	DIODE 1SS355TE-17
D476	8-719-988-61	DIODE 1SS355TE-17
D525	8-719-988-61	DIODE 1SS355TE-17
D526	8-719-988-61	DIODE 1SS355TE-17
D575	8-719-988-61	DIODE 1SS355TE-17
D576	8-719-988-61	DIODE 1SS355TE-17
D600	8-719-988-61	DIODE 1SS355TE-17
D625	8-719-988-61	DIODE 1SS355TE-17
D626	8-719-988-61	DIODE 1SS355TE-17
D675	8-719-988-61	DIODE 1SS355TE-17
D676	8-719-988-61	DIODE 1SS355TE-17
D700	8-719-988-61	DIODE 1SS355TE-17

Ref. No.	Part No.	Description	Remark
D725	8-719-988-61	DIODE 1SS355TE-17	
D726	8-719-988-61	DIODE 1SS355TE-17	
D801	6-501-003-21	DIODE D6SBN20-7003	
D802	6-501-003-21	DIODE D6SBN20-7003	
D818	8-719-988-61	DIODE 1SS355TE-17	
		< IC >	
IC210	8-759-167-88	IC NJM4565D	
IC260	8-759-071-48	IC TA7807S	
IC265	8-759-071-47	IC TA79007S	
IC301	8-759-636-74	IC M5218AP-22	
IC400	6-700-943-01	IC uPC2581V-S	
IC401	6-707-362-01	IC BD3451KS	
IC500	6-700-943-01	IC uPC2581V-S	
IC600	6-700-943-01	IC uPC2581V-S	
IC700	6-700-943-01	IC uPC2581V-S	
		< JACK >	
J301	1-794-981-11	JACK, PIN 4P (PHONO IN,SA-CD/CD IN)	
J302	1-794-981-11	JACK, PIN 4P (MD/TAPE OUT/IN)	
J304	1-774-411-11	JACK, PIN 6P (MULTI CH IN FRONT,SURROUND,SUR BACK)	
J305	1-817-375-11	JACK, PIN 4P (MULTI CH IN CENTER,SUB WOOFER,ZONE 2 OUT)	
		< JUMPER RESISTOR >	
JR219	1-216-864-11	SHORT CHIP 0	
JR220	1-216-864-11	SHORT CHIP 0	
JR221	1-216-864-11	SHORT CHIP 0	
JR222	1-216-864-11	SHORT CHIP 0	
JR223	1-216-864-11	SHORT CHIP 0	
JR224	1-216-864-11	SHORT CHIP 0	
JR225	1-216-864-11	SHORT CHIP 0	
JR226	1-216-864-11	SHORT CHIP 0	
JR227	1-216-864-11	SHORT CHIP 0	
		< COIL >	
L401	1-420-872-52	COIL, AIR-CORE	
L451	1-420-872-52	COIL, AIR-CORE	
L501	1-420-872-52	COIL, AIR-CORE	
L551	1-420-872-52	COIL, AIR-CORE	
L601	1-420-872-52	COIL, AIR-CORE	
L651	1-420-872-52	COIL, AIR-CORE	
L701	1-420-872-52	COIL, AIR-CORE	
		< TRANSISTOR >	
Q200	8-729-216-31	TRANSISTOR 2SA1163-G	
Q201	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q202	8-729-271-31	TRANSISTOR 2SC2713-G	
Q210	8-729-901-00	TRANSISTOR DTC124EK	
Q220	8-729-021-82	TRANSISTOR 2SD2396K	
Q221	8-729-027-24	TRANSISTOR DTA114TKA-T146	
Q225	8-729-271-31	TRANSISTOR 2SC2713-G	
Q228	8-729-271-31	TRANSISTOR 2SC2713-G	
Q235	8-729-024-93	TRANSISTOR 2SB1565E	
Q240	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q250	8-729-140-97	TRANSISTOR 2SB734-34	
Q255	8-729-216-31	TRANSISTOR 2SA1163-G	
Q256	8-729-120-28	TRANSISTOR 2SC1623-L5L6	

Ref. No.	Part No.	Description	Remark
Q300	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q351	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q400	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q421	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q422	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q425	8-729-216-31	TRANSISTOR 2SA1163-G	
Q426	8-729-216-31	TRANSISTOR 2SA1163-G	
Q427	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q471	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q472	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q475	8-729-216-31	TRANSISTOR 2SA1163-G	
Q476	8-729-216-31	TRANSISTOR 2SA1163-G	
Q477	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q522	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q525	8-729-216-31	TRANSISTOR 2SA1163-G	
Q526	8-729-216-31	TRANSISTOR 2SA1163-G	
Q527	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q571	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q572	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q575	8-729-216-31	TRANSISTOR 2SA1163-G	
Q576	8-729-216-31	TRANSISTOR 2SA1163-G	
Q577	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q600	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q621	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q622	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q625	8-729-216-31	TRANSISTOR 2SA1163-G	
Q626	8-729-216-31	TRANSISTOR 2SA1163-G	
Q627	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q671	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q672	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q675	8-729-216-31	TRANSISTOR 2SA1163-G	
Q676	8-729-216-31	TRANSISTOR 2SA1163-G	
Q677	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q700	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q721	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q722	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q725	8-729-216-31	TRANSISTOR 2SA1163-G	
Q726	8-729-216-31	TRANSISTOR 2SA1163-G	
Q727	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
Q809	8-729-120-28	TRANSISTOR 2SC1623-L5L6	
		< RESISTOR >	
R201	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R203	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R204	1-216-821-11	METAL CHIP 1K 5% 1/10W	
R205	1-218-867-11	METAL CHIP 6.8K 0.5% 1/10W	
R210	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R211	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R212	1-216-849-11	METAL CHIP 220K 5% 1/10W	
R213	1-216-841-11	METAL CHIP 47K 5% 1/10W	
R214	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R215	1-216-837-11	METAL CHIP 22K 5% 1/10W	
R220	1-249-393-11	CARBON 10 5% 1/4W F	
⚠R221	1-215-873-00	METAL OXIDE 4.7K 5% 1W F	
R222	1-216-817-11	METAL CHIP 470 5% 1/10W	
R223	1-216-833-11	METAL CHIP 10K 5% 1/10W	
R225	1-216-833-11	METAL CHIP 10K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R227	1-216-833-11	METAL CHIP	10K	5%	1/10W
R228	1-216-845-11	METAL CHIP	100K	5%	1/10W
⚠R233	1-215-873-00	METAL OXIDE	4.7K	5%	1W F
R234	1-249-393-11	CARBON	10	5%	1/4W F
R235	1-216-817-11	METAL CHIP	470	5%	1/10W
R236	1-216-847-11	METAL CHIP	150K	5%	1/10W
⚠R240	1-215-891-11	METAL OXIDE	680	5%	2W F
R245	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R246	1-249-402-11	CARBON	56	5%	1/4W F
R250	1-249-389-11	CARBON	4.7	5%	1/4W F
R251	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R252	1-216-837-11	METAL CHIP	22K	5%	1/10W
R253	1-249-377-11	CARBON	0.47	5%	1/4W F
⚠R280	1-215-891-11	METAL OXIDE	680	5%	2W F
⚠R290	1-240-877-11	FUSIBLE	0.15	5%	1/2W F
R301	1-216-821-11	METAL CHIP	1K	5%	1/10W
R302	1-216-845-11	METAL CHIP	100K	5%	1/10W
R303	1-216-845-11	METAL CHIP	100K	5%	1/10W
R304	1-216-812-11	METAL CHIP	180	5%	1/10W
R305	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R306	1-216-845-11	METAL CHIP	100K	5%	1/10W
R307	1-216-809-11	METAL CHIP	100	5%	1/10W
R308	1-216-845-11	METAL CHIP	100K	5%	1/10W
R309	1-216-817-11	METAL CHIP	470	5%	1/10W
R311	1-216-821-11	METAL CHIP	1K	5%	1/10W
R313	1-216-821-11	METAL CHIP	1K	5%	1/10W
R314	1-216-821-11	METAL CHIP	1K	5%	1/10W
R331	1-216-841-11	METAL CHIP	47K	5%	1/10W
R332	1-216-821-11	METAL CHIP	1K	5%	1/10W
R341	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R342	1-249-401-11	CARBON	47	5%	1/4W F
R351	1-216-821-11	METAL CHIP	1K	5%	1/10W
R352	1-216-845-11	METAL CHIP	100K	5%	1/10W
R353	1-216-845-11	METAL CHIP	100K	5%	1/10W
R354	1-216-812-11	METAL CHIP	180	5%	1/10W
R355	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R356	1-216-845-11	METAL CHIP	100K	5%	1/10W
R357	1-216-809-11	METAL CHIP	100	5%	1/10W
R358	1-216-845-11	METAL CHIP	100K	5%	1/10W
R359	1-216-817-11	METAL CHIP	470	5%	1/10W
R361	1-216-821-11	METAL CHIP	1K	5%	1/10W
R363	1-216-821-11	METAL CHIP	1K	5%	1/10W
R364	1-216-821-11	METAL CHIP	1K	5%	1/10W
R381	1-216-841-11	METAL CHIP	47K	5%	1/10W
R382	1-216-821-11	METAL CHIP	1K	5%	1/10W
R395	1-216-864-11	SHORT CHIP	0		
R396	1-216-845-11	METAL CHIP	100K	5%	1/10W
R397	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R398	1-249-409-11	CARBON	220	5%	1/4W F
R400	1-216-230-00	RES-CHIP	22K	2%	1/8W
R401	1-216-821-11	METAL CHIP	1K	5%	1/10W
R405	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R406	1-249-402-11	CARBON	56	5%	1/4W F
R408	1-216-817-11	METAL CHIP	470	5%	1/10W
R409	1-216-817-11	METAL CHIP	470	5%	1/10W
R411	1-216-821-11	METAL CHIP	1K	5%	1/10W
R412	1-216-843-11	METAL CHIP	68K	5%	1/10W
R415	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R416	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R421	1-216-844-11	METAL CHIP	82K	5%	1/10W
R422	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R423	1-249-405-11	CARBON	100	5%	1/4W F
R424	1-216-818-11	METAL CHIP	560	5%	1/10W
R425	1-249-405-11	CARBON	100	5%	1/4W F
R426	1-240-855-11	CARBON	6.2K	5%	1/4W F
R427	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R428	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R429	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R430	1-216-845-11	METAL CHIP	100K	5%	1/10W
R431	1-249-393-11	CARBON	10	5%	1/4W F
R432	1-216-839-11	METAL CHIP	33K	5%	1/10W
R433	1-216-835-11	METAL CHIP	15K	5%	1/10W
R434	1-216-835-11	METAL CHIP	15K	5%	1/10W
R435	1-216-841-11	METAL CHIP	47K	5%	1/10W
R436	1-216-837-11	METAL CHIP	22K	5%	1/10W
R437	1-216-841-11	METAL CHIP	47K	5%	1/10W
R439	1-249-389-11	CARBON	4.7	5%	1/4W F
R440	1-216-841-11	METAL CHIP	47K	5%	1/10W
R441	1-216-841-11	METAL CHIP	47K	5%	1/10W
R445	1-216-864-11	SHORT CHIP	0		
R446	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R451	1-216-821-11	METAL CHIP	1K	5%	1/10W
R461	1-216-821-11	METAL CHIP	1K	5%	1/10W
R462	1-216-843-11	METAL CHIP	68K	5%	1/10W
R465	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R466	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R471	1-216-844-11	METAL CHIP	82K	5%	1/10W
R472	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R473	1-249-405-11	CARBON	100	5%	1/4W F
R474	1-216-818-11	METAL CHIP	560	5%	1/10W
R475	1-249-405-11	CARBON	100	5%	1/4W F
R476	1-240-855-11	CARBON	6.2K	5%	1/4W F
R477	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R478	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R479	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R480	1-216-845-11	METAL CHIP	100K	5%	1/10W
R481	1-249-393-11	CARBON	10	5%	1/4W F
R482	1-216-839-11	METAL CHIP	33K	5%	1/10W
R483	1-216-835-11	METAL CHIP	15K	5%	1/10W
R484	1-216-835-11	METAL CHIP	15K	5%	1/10W
R485	1-216-841-11	METAL CHIP	47K	5%	1/10W
R486	1-216-837-11	METAL CHIP	22K	5%	1/10W
R487	1-216-841-11	METAL CHIP	47K	5%	1/10W
R489	1-249-389-11	CARBON	4.7	5%	1/4W F
R495	1-216-864-11	SHORT CHIP	0		
R496	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R500	1-216-230-00	RES-CHIP	22K	2%	1/8W
R501	1-216-821-11	METAL CHIP	1K	5%	1/10W
R511	1-216-821-11	METAL CHIP	1K	5%	1/10W
R512	1-216-843-11	METAL CHIP	68K	5%	1/10W
R515	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R516	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R521	1-216-844-11	METAL CHIP	82K	5%	1/10W
R522	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R523	1-249-405-11	CARBON	100	5%	1/4W F
R524	1-216-818-11	METAL CHIP	560	5%	1/10W

Ref. No.	Part No.	Description			Remark
R525	1-249-405-11	CARBON	100	5%	1/4W F
R526	1-240-855-11	CARBON	6.2K	5%	1/4W F
R527	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R528	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R529	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R530	1-216-845-11	METAL CHIP	100K	5%	1/10W
R531	1-249-393-11	CARBON	10	5%	1/4W F
R532	1-216-839-11	METAL CHIP	33K	5%	1/10W
R533	1-216-835-11	METAL CHIP	15K	5%	1/10W
R534	1-216-835-11	METAL CHIP	15K	5%	1/10W
R535	1-216-841-11	METAL CHIP	47K	5%	1/10W
R536	1-216-837-11	METAL CHIP	22K	5%	1/10W
R537	1-216-841-11	METAL CHIP	47K	5%	1/10W
R539	1-249-389-11	CARBON	4.7	5%	1/4W F
R545	1-216-864-11	SHORT CHIP	0		
R546	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R551	1-216-821-11	METAL CHIP	1K	5%	1/10W
R561	1-216-821-11	METAL CHIP	1K	5%	1/10W
R562	1-216-843-11	METAL CHIP	68K	5%	1/10W
R565	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R566	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R571	1-216-844-11	METAL CHIP	82K	5%	1/10W
R572	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R573	1-249-405-11	CARBON	100	5%	1/4W F
R574	1-216-818-11	METAL CHIP	560	5%	1/10W
R575	1-249-405-11	CARBON	100	5%	1/4W F
R576	1-240-855-11	CARBON	6.2K	5%	1/4W F
R577	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R578	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R579	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R580	1-216-845-11	METAL CHIP	100K	5%	1/10W
R581	1-249-393-11	CARBON	10	5%	1/4W F
R582	1-216-839-11	METAL CHIP	33K	5%	1/10W
R583	1-216-835-11	METAL CHIP	15K	5%	1/10W
R584	1-216-835-11	METAL CHIP	15K	5%	1/10W
R585	1-216-841-11	METAL CHIP	47K	5%	1/10W
R586	1-216-837-11	METAL CHIP	22K	5%	1/10W
R587	1-216-841-11	METAL CHIP	47K	5%	1/10W
R589	1-249-389-11	CARBON	4.7	5%	1/4W F
R595	1-216-864-11	SHORT CHIP	0		
R596	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R600	1-216-230-00	RES-CHIP	22K	2%	1/8W
R601	1-216-821-11	METAL CHIP	1K	5%	1/10W
R605	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R606	1-249-402-11	CARBON	56	5%	1/4W F
R611	1-216-821-11	METAL CHIP	1K	5%	1/10W
R612	1-216-843-11	METAL CHIP	68K	5%	1/10W
R615	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R616	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R621	1-216-844-11	METAL CHIP	82K	5%	1/10W
R622	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R623	1-249-405-11	CARBON	100	5%	1/4W F
R624	1-216-818-11	METAL CHIP	560	5%	1/10W
R625	1-249-405-11	CARBON	100	5%	1/4W F
R626	1-240-855-11	CARBON	6.2K	5%	1/4W F
R627	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R628	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R629	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R630	1-216-845-11	METAL CHIP	100K	5%	1/10W
R631	1-249-393-11	CARBON	10	5%	1/4W F
R632	1-216-839-11	METAL CHIP	33K	5%	1/10W
R633	1-216-835-11	METAL CHIP	15K	5%	1/10W
R634	1-216-835-11	METAL CHIP	15K	5%	1/10W
R635	1-216-841-11	METAL CHIP	47K	5%	1/10W
R636	1-216-837-11	METAL CHIP	22K	5%	1/10W
R637	1-216-841-11	METAL CHIP	47K	5%	1/10W
R639	1-249-389-11	CARBON	4.7	5%	1/4W F
R645	1-216-864-11	SHORT CHIP	0		
R646	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R651	1-216-821-11	METAL CHIP	1K	5%	1/10W
R656	1-216-833-11	METAL CHIP	10K	5%	1/10W
R658	1-216-833-11	METAL CHIP	10K	5%	1/10W
R661	1-216-821-11	METAL CHIP	1K	5%	1/10W
R662	1-216-843-11	METAL CHIP	68K	5%	1/10W
R665	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R666	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R671	1-216-844-11	METAL CHIP	82K	5%	1/10W
R672	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R673	1-249-405-11	CARBON	100	5%	1/4W F
R674	1-216-818-11	METAL CHIP	560	5%	1/10W
R675	1-249-405-11	CARBON	100	5%	1/4W F
R676	1-240-855-11	CARBON	6.2K	5%	1/4W F
R677	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R678	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R679	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R680	1-216-845-11	METAL CHIP	100K	5%	1/10W
R681	1-249-393-11	CARBON	10	5%	1/4W F
R682	1-216-839-11	METAL CHIP	33K	5%	1/10W
R683	1-216-835-11	METAL CHIP	15K	5%	1/10W
R684	1-216-835-11	METAL CHIP	15K	5%	1/10W
R685	1-216-841-11	METAL CHIP	47K	5%	1/10W
R686	1-216-837-11	METAL CHIP	22K	5%	1/10W
R687	1-216-841-11	METAL CHIP	47K	5%	1/10W
R689	1-249-389-11	CARBON	4.7	5%	1/4W F
R695	1-216-864-11	SHORT CHIP	0		
R696	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R700	1-216-230-00	RES-CHIP	22K	2%	1/8W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R705	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R706	1-249-402-11	CARBON	56	5%	1/4W F
R711	1-216-821-11	METAL CHIP	1K	5%	1/10W
R712	1-216-843-11	METAL CHIP	68K	5%	1/10W
R715	1-208-826-11	METAL CHIP	68K	0.5%	1/10W
R716	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R721	1-216-844-11	METAL CHIP	82K	5%	1/10W
R722	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R723	1-249-405-11	CARBON	100	5%	1/4W F
R724	1-216-818-11	METAL CHIP	560	5%	1/10W
R725	1-249-405-11	CARBON	100	5%	1/4W F
R726	1-240-855-11	CARBON	6.2K	5%	1/4W F
R727	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R728	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2 5W			
R729	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R730	1-216-845-11	METAL CHIP	100K	5%	1/10W
R731	1-249-393-11	CARBON	10	5%	1/4W F
R732	1-216-839-11	METAL CHIP	33K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R733	1-216-835-11	METAL CHIP	15K	5%	1/10W
R734	1-216-835-11	METAL CHIP	15K	5%	1/10W
R735	1-216-841-11	METAL CHIP	47K	5%	1/10W
R736	1-216-837-11	METAL CHIP	22K	5%	1/10W
R737	1-216-841-11	METAL CHIP	47K	5%	1/10W
R739	1-249-389-11	CARBON	4.7	5%	1/4W F
R746	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R751	1-216-821-11	METAL CHIP	1K	5%	1/10W
R795	1-216-864-11	SHORT CHIP	0		
R824	1-216-833-11	METAL CHIP	10K	5%	1/10W
R830	1-249-399-11	CARBON	33	5%	1/4W F
RR11	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR21	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR61	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR71	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR81	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
		< RELAY >			
RY240	1-755-170-11	RELAY (12V)			
RY300	1-755-486-11	RELAY			
RY351	1-755-267-11	RELAY			
RY400	1-755-170-11	RELAY (12V)			
RY600	1-755-170-11	RELAY (12V)			
RY700	1-755-170-11	RELAY (12V)			
RY802	1-755-520-11	RELAY			
RY803	1-755-520-11	RELAY			
		< TERMINAL BOARD >			
TM601	1-780-214-11	TERMINAL BOARD (2P) (SPEAKERS CENTER)			
TM602	1-780-364-11	TERMINAL BOARD (8P) (SPEAKERS SURROUND BACK,SURROUND)			
**********					
		POWER KEY BOARD			
		**********			
		< CAPACITOR >			
C141	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CNP102	1-691-408-11	CONNECTOR, BOARD TO BOARD 7P			
		< RESISTOR >			
R114	1-249-415-11	CARBON	680	5%	1/4W
R115	1-247-831-11	CARBON	1K	5%	1/4W
R116	1-249-419-11	CARBON	1.5K	5%	1/4W
		< ROTARY ENCODER >			
RV101	1-418-817-11	ENCODER, ROTARY (TONE +/–)			
RV105	1-418-817-11	ENCODER, ROTARY (TUNING +/–)			
		< SWITCH >			
S114	1-771-410-21	SWITCH, TACTILE (TUNING MODE)			
S115	1-771-410-21	SWITCH, TACTILE (TONE MODE)			
S116	1-771-410-21	SWITCH, TACTILE (SPEAKERS (OFF/A/B/A+B))			
S141	1-771-410-21	SWITCH, TACTILE (I/⏻)			
		< LEAD WIRE >			
* TP100	1-690-880-31	LEAD (WITH CONNECTOR)			
**********					
		SPEAKER B BOARD			
		**********			
		< CAPACITOR >			
C2850	1-128-809-11	CERAMIC	100PF	5%	50V
C2851	1-128-809-11	CERAMIC	100PF	5%	50V
CC101	1-127-872-11	CERAMIC	0.0047uF	10%	50V (MY,SP,TW)
CC102	1-127-872-11	CERAMIC	0.0047uF	10%	50V (MY,SP,TW)
		< CONNECTOR >			
CNP2850	1-691-769-11	PLUG (MICRO CONNECTOR) 7P			
		< DIODE >			
D2881	8-719-991-33	DIODE 1SS133T-77			
		< TRANSISTOR >			
Q2880	8-729-119-78	TRANSISTOR 2SC2785-HFE			
		< RESISTOR >			
R2872	1-249-402-11	CARBON	56	5%	1/4W F
R2873	1-249-421-11	CARBON	2.2K	5%	1/4W
RR101	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
RR102	1-249-393-11	CARBON	10	5%	1/4W F (MY,SP,TW)
		< RELAY >			
RY2881	1-755-170-11	RELAY (12V)			
		< TERMINAL BOARD >			
TM2880	1-780-215-11	TERMINAL BOARD (4P) (SPEAKERS FRONT B)			
**********					
	A-1168-995-A	STANDBY BOARD, COMPLETE (US,CND)			
	A-1169-166-A	STANDBY BOARD, COMPLETE (E2)			
	A-1188-612-A	STANDBY BOARD, COMPLETE (MY,SP)			
	A-1188-627-A	STANDBY BOARD, COMPLETE (TW)			
		**********			
	1-533-293-11	HOLDER, FUSE			
		< CAPACITOR >			
C921	1-127-888-11	CERAMIC	0.1uF	10%	50V
C922	1-127-888-11	CERAMIC	0.1uF	10%	50V
C923	1-126-959-11	ELECT	0.47uF	20%	50V
C924	1-126-936-11	ELECT	3300uF	20%	16V
		< CONNECTOR >			
CNP816	1-770-011-21	CONNECTOR, BOARD TO BOARD 4P			

STR-DG800

Ver. 1.1

STANDBY **S-VIDEO** **VIDEO**

Ref. No.	Part No.	Description			Remark
CNP901	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
* CNP905	1-565-792-11	PIN, CONNECTOR (3.96mm PITCH) 2P			
		< DIODE >			
D911	8-719-991-33	DIODE 1SS133T-77			
D921	6-500-522-11	DIODE 10EDB40-TA2B5			
D922	6-500-522-11	DIODE 10EDB40-TA2B5			
D923	6-500-522-11	DIODE 10EDB40-TA2B5			
D924	6-500-522-11	DIODE 10EDB40-TA2B5			
D925	8-719-991-33	DIODE 1SS133T-77			
D926	8-719-991-33	DIODE 1SS133T-77			
		< AC OUTLET >			
⚠J911	1-251-718-11	OUTLET (2 GANG), AC (AC OUTLET) (US,CND)			
⚠J911	1-785-285-11	OUTLET (1P), AC (AC OUTLET) (MY,SP)			
⚠J911	1-785-834-11	OUTLET (1P), AC (AC OUTLET) (E2)			
		< TRANSISTOR >			
Q911	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q914	8-729-119-78	TRANSISTOR 2SC2785-HFE			
		< RESISTOR >			
⚠R901	1-219-237-11	SOLID	3.3M	20%	1/2W F (US,CND)
R904	1-249-381-11	CARBON	1	5%	1/4W F
R912	1-247-871-11	CARBON	47K	5%	1/4W
R913	1-249-421-11	CARBON	2.2K	5%	1/4W
R921	1-247-871-11	CARBON	47K	5%	1/4W
R922	1-247-863-11	CARBON	22K	5%	1/4W
R923	1-249-429-11	CARBON	10K	5%	1/4W
		< RELAY >			
⚠RY911	1-755-541-11	RELAY			
		< TRANSFORMER >			
⚠T902	1-443-516-11	TRANSFORMER, POWER (SUB) (US,CND)			
⚠T902	1-443-517-11	TRANSFORMER, POWER (SUB) (MY,SP)			
⚠T902	1-443-519-11	TRANSFORMER, POWER (SUB) (TW)			
⚠T902	1-443-520-11	TRANSFORMER, POWER (SUB) (E2)			
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		S-VIDEO BOARD			
		**********			
		< CAPACITOR >			
C2107	1-162-215-31	CERAMIC	47PF	5%	50V
C2108	1-162-215-31	CERAMIC	47PF	5%	50V
C2109	1-126-964-11	ELECT	10uF	20%	50V
C2110	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2111	1-126-964-11	ELECT	10uF	20%	50V
C2112	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2114	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2115	1-162-215-31	CERAMIC	47PF	5%	50V
C2116	1-162-215-31	CERAMIC	47PF	5%	50V
C2117	1-126-964-11	ELECT	10uF	20%	50V
C2118	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2120	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2121	1-126-947-11	ELECT	47uF	20%	35V

Ref. No.	Part No.	Description			Remark
C2124	1-126-947-11	ELECT	47uF	20%	35V
C2125	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2126	1-126-964-11	ELECT	10uF	20%	50V
C2127	1-127-888-11	CERAMIC	0.1uF	10%	50V
C2128	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
CNP2101	1-784-921-11	PIN, CONNECTOR 4P			
CNS2102	1-784-774-11	CONNECTOR, FFC 13P			
		< DIODE >			
D2102	8-719-991-33	DIODE 1SS133T-77			
D2103	8-719-991-33	DIODE 1SS133T-77			
		< IC >			
IC2101	6-701-890-01	IC NJM2595D			
IC2102	6-701-890-01	IC NJM2595D			
		< CONNECTOR >			
J2104	1-537-943-11	CONNECTOR (DIN) 1P (MONITOR S-VIDEO OUT)			
J2105	1-794-937-11	CONNECTOR (DIN) 2P (TV/SAT S-VIDEO IN, DVD S-VIDEO IN)			
J2106	1-794-937-11	CONNECTOR (DIN) 2P (VIDEO 1 S-VIDEO OUT/IN)			
		< RESISTOR >			
R2103	1-215-394-00	METAL	75	1%	1/4W
R2104	1-215-394-00	METAL	75	1%	1/4W
R2105	1-215-394-00	METAL	75	1%	1/4W
R2106	1-215-394-00	METAL	75	1%	1/4W
R2107	1-215-394-00	METAL	75	1%	1/4W
R2108	1-215-394-00	METAL	75	1%	1/4W
R2109	1-215-394-00	METAL	75	1%	1/4W
R2110	1-215-394-00	METAL	75	1%	1/4W
R2111	1-215-394-00	METAL	75	1%	1/4W
R2112	1-215-394-00	METAL	75	1%	1/4W
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	A-1168-991-A	VIDEO BOARD, COMPLETE (US,CND,TW)			
	A-1169-097-A	VIDEO BOARD, COMPLETE (E2,MY,SP)			
		**********			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C2333	1-100-385-11	CERAMIC CHIP	0.47uF		25V
C2334	1-126-947-11	ELECT	47uF	20%	35V
C2335	1-126-947-11	ELECT	47uF	20%	35V
C2336	1-126-947-11	ELECT	47uF	20%	35V
C2337	1-100-385-11	CERAMIC CHIP	0.47uF		25V
C2338	1-100-385-11	CERAMIC CHIP	0.47uF		25V
C2339	1-126-947-11	ELECT	47uF	20%	35V
C2340	1-100-385-11	CERAMIC CHIP	0.47uF		25V
C3141	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3275	1-126-964-11	ELECT	10uF	20%	50V
C3276	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3277	1-126-916-11	ELECT	1000uF	20%	6.3V
C3278	1-126-933-11	ELECT	100uF	20%	16V
C3279	1-126-962-11	ELECT	3.3uF	20%	50V

Ref. No.	Part No.	Description			Remark
C3323	1-126-964-11	ELECT	10uF	20%	50V
C3324	1-126-964-11	ELECT	10uF	20%	50V
C3325	1-126-964-11	ELECT	10uF	20%	50V
C3332	1-126-947-11	ELECT	47uF	20%	35V
C3334	1-126-947-11	ELECT	47uF	20%	35V
C3335	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3336	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3402	1-126-964-11	ELECT	10uF	20%	50V
C3404	1-126-964-11	ELECT	10uF	20%	50V
C3406	1-126-964-11	ELECT	10uF	20%	50V
C3408	1-126-964-11	ELECT	10uF	20%	50V
C3409	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3410	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C3431	1-126-947-11	ELECT	47uF	20%	35V
C3432	1-126-947-11	ELECT	47uF	20%	35V
C3433	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3434	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3435	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3436	1-126-964-11	ELECT	10uF	20%	50V
C3438	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3439	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3440	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3441	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3442	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3521	1-126-964-11	ELECT	10uF	20%	50V
C3522	1-126-964-11	ELECT	10uF	20%	50V
C3523	1-126-964-11	ELECT	10uF	20%	50V
C3601	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3602	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C3603	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3604	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C3605	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3606	1-126-964-11	ELECT	10uF	20%	50V
C3607	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3608	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3609	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3610	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3611	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3612	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3613	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3614	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3615	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3616	1-126-933-11	ELECT	100uF	20%	16V
C3617	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3618	1-126-933-11	ELECT	100uF	20%	16V
C3619	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3620	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3621	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3622	1-126-964-11	ELECT	10uF	20%	50V
C3623	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3624	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3631	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3632	1-136-153-00	MYLAR	0.01uF	5%	50V
C3634	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3641	1-126-964-11	ELECT	10uF	20%	50V
C3645	1-126-947-11	ELECT	47uF	20%	35V
C3646	1-126-947-11	ELECT	47uF	20%	35V
C3647	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3648	1-164-160-11	CERAMIC CHIP	20PF	5%	50V
C3649	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3651	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C3652	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C3653	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3671	1-126-964-11	ELECT	10uF	20%	50V
C3672	1-126-964-11	ELECT	10uF	20%	50V
C3673	1-126-964-11	ELECT	10uF	20%	50V
C3674	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3675	1-126-947-11	ELECT	47uF	20%	35V
C3676	1-126-947-11	ELECT	47uF	20%	35V
C3677	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3678	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3679	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3701	1-126-960-11	ELECT	1uF	20%	50V
C3702	1-126-960-11	ELECT	1uF	20%	50V
C3703	1-136-165-00	FILM	0.1uF	5%	50V (E2,MY,SP)
C3704	1-136-165-00	FILM	0.1uF	5%	50V (E2,MY,SP)
C3705	1-136-165-00	FILM	0.1uF	5%	50V (E2,MY,SP)
C3706	1-136-165-00	FILM	0.1uF	5%	50V (E2,MY,SP)
C3707	1-162-917-11	CERAMIC CHIP	15PF	5%	50V
C3708	1-163-231-11	CERAMIC CHIP	15PF	5%	50V (E2,MY,SP)
C3709	1-126-959-11	ELECT	0.47uF	20%	50V
C3710	1-162-962-11	CERAMIC CHIP	470PF	10%	50V
C3711	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3712	1-126-947-11	ELECT	47uF	20%	35V
C3713	1-126-959-11	ELECT	0.47uF	20%	50V
C3714	1-126-960-11	ELECT	1uF	20%	50V
C3715	1-162-968-11	CERAMIC CHIP	0.0047uF	10%	50V
C3716	1-136-165-00	MYLAR	0.1uF	5%	50V
C3717	1-126-959-11	ELECT	0.47uF	20%	50V
C3718	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3719	1-126-960-11	ELECT	1uF	20%	50V
C3720	1-162-927-11	CERAMIC CHIP	100PF	5%	50V
C3723	1-126-964-11	ELECT	10uF	20%	50V
C3724	1-126-933-11	ELECT	100uF	20%	16V
C3725	1-126-947-11	ELECT	47uF	20%	35V
C3726	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C3731	1-126-962-11	ELECT	3.3uF	20%	50V
C3732	1-126-933-11	ELECT	100uF	20%	16V
C3733	1-126-916-11	ELECT	1000uF	20%	6.3V
C3734	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3751	1-100-566-11	CERAMIC CHIP	0.1uF	10%	25V
C3752	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C3753	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V

< CONNECTOR >

CN3002	1-784-921-11	PIN, CONNECTOR 4P
CNS202	1-784-774-11	CONNECTOR, FFC 13P
CNS509	1-568-838-11	CONNECTOR, FFC 21P

< DIODE >

D3253	6-501-193-01	DIODE 1SS355WTE-17
D3254	6-501-193-01	DIODE 1SS355WTE-17

Ref. No.	Part No.	Description	Remark
D3301	6-501-193-01	DIODE 1SS355WTE-17	
D3302	6-501-193-01	DIODE 1SS355WTE-17	
D3431	6-501-193-01	DIODE 1SS355WTE-17	
D3432	6-501-193-01	DIODE 1SS355WTE-17	
D3671	6-501-193-01	DIODE 1SS355WTE-17	
D3672	6-501-193-01	DIODE 1SS355WTE-17	
D3673	6-501-193-01	DIODE 1SS355WTE-17	
D3674	6-501-193-01	DIODE 1SS355WTE-17	
D3675	6-501-193-01	DIODE 1SS355WTE-17	
D3676	6-501-193-01	DIODE 1SS355WTE-17	
D3721	6-501-193-01	DIODE 1SS355WTE-17	
D3722	6-501-193-01	DIODE 1SS355WTE-17	
D3723	6-501-193-01	DIODE 1SS355WTE-17	
D3731	6-501-193-01	DIODE 1SS355WTE-17	
D3732	6-501-193-01	DIODE 1SS355WTE-17	
D3733	6-501-193-01	DIODE 1SS355WTE-17	
		< FERRITE BEAD >	
FB3252	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3431	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3432	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3601	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3602	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3661	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3662	1-469-152-11	FERRITE, EMI (SMD) (2012)	
FB3801	1-469-152-11	FERRITE, EMI (SMD) (2012)	
		< LPF >	
FL3621	1-239-847-11	FILTER, LOW PASS	
FL3631	1-239-847-11	FILTER, LOW PASS	
		< IC >	
IC3101	6-705-465-01	IC BA70BC0T	
IC3102	8-759-701-59	IC NJM78M09FA	
IC3103	6-705-464-01	IC BA50BC0T	
IC3104	8-759-245-79	IC TA79005S	
IC3141	8-759-491-47	IC TC74VHCT08AFT(EL)	
IC3253	8-759-822-05	IC LA7213	
IC3321	8-759-663-94	IC LA7106M-TLM	
IC3431	6-704-199-01	IC NJM2595M-TE2	
IC3601	8-752-386-17	IC CXD2064Q	
IC3651	8-759-300-71	IC HD14053BFP	
IC3671	8-759-663-94	IC LA7106M-TLM	
IC3701	8-752-109-74	IC CXA2199Q	
IC3721	8-759-565-20	IC TDA4665T/V5-118 (E2,MY,SP)	
IC3731	8-759-822-05	IC LA7213	
IC3751	8-759-300-71	IC HD14053BFP	
		< JACK >	
J3301	1-816-592-11	JACK, PIN 9P (COMPONENT VIDEO TV/SAT IN (ASSIGNABLE), DVD IN (ASSIGNABLE),MONITOR OUT)	
J3401	1-770-337-11	JACK, PIN 3P (VIDEO 1 VIDEO OUT/IN, MONITOR VIDEO OUT)	
J3402	1-518-043-11	JACK, PIN 2P (VIDEO 2 VIDEO OUT/IN)	
J3403	1-518-043-11	JACK, PIN 2P (TV/SAT VIDEO IN, DVD VIDEO IN)	

Ref. No.	Part No.	Description			Remark
		< JUMPER RESISTOR >			
JW3601	1-216-864-11	SHORT CHIP	0		
JW3603	1-216-864-11	SHORT CHIP	0		
JW3605	1-216-864-11	SHORT CHIP	0		
JW3608	1-216-864-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q3252	1-801-806-11	TRANSISTOR	DTC144EKA		
Q3301	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3302	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3304	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3601	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3604	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3621	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3622	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3623	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3624	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3631	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3632	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3633	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3647	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3651	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3652	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3653	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3671	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3672	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3673	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3674	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3675	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3676	8-729-230-49	TRANSISTOR	2SC2712-YG		
Q3677	8-729-027-43	TRANSISTOR	DTC114EKA-T146		
Q3678	8-729-027-23	TRANSISTOR	DTA114EKA-T146		
Q3701	8-729-216-22	TRANSISTOR	2SA1162-G		
Q3731	1-801-806-11	TRANSISTOR	DTC144EKA		
		< RESISTOR >			
R3275	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3276	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3277	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3278	1-216-815-11	METAL CHIP	330	5%	1/10W
R3301	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3302	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3303	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3304	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3305	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3306	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3307	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3315	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3316	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3318	1-216-864-11	SHORT CHIP	0		
R3319	1-216-864-11	SHORT CHIP	0		
R3320	1-216-864-11	SHORT CHIP	0		
R3321	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3322	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3323	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3324	1-216-809-11	METAL CHIP	100	5%	1/10W
R3401	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V

Ref. No.	Part No.	Description			Remark
R3402	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
R3403	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
R3404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3405	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3406	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3407	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3408	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3409	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3410	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3411	1-211-990-11	METAL CHIP	75	0.5%	1/10W
R3524	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3525	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3526	1-216-837-11	METAL CHIP	22K	5%	1/10W
R3603	1-216-842-11	METAL CHIP	56K	5%	1/10W
R3604	1-216-818-11	METAL CHIP	560	5%	1/10W
R3605	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3606	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3607	1-218-857-11	METAL CHIP	2.7K	0.5%	1/10W
R3610	1-216-809-11	METAL CHIP	100	5%	1/10W
R3611	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3612	1-218-839-11	METAL CHIP	470	0.5%	1/10W
R3619	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3621	1-218-827-11	METAL CHIP	150	0.5%	1/10W
R3622	1-216-809-11	METAL CHIP	100	5%	1/10W
R3623	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3624	1-218-289-11	METAL CHIP	510	5%	1/10W
R3625	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R3626	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3627	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3628	1-218-845-11	METAL CHIP	820	0.5%	1/10W
R3629	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3631	1-218-829-11	METAL CHIP	180	0.5%	1/10W
R3632	1-216-809-11	METAL CHIP	100	5%	1/10W
R3633	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3634	1-218-289-11	METAL CHIP	510	5%	1/10W
R3635	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R3636	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3637	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3638	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3639	1-216-809-11	METAL CHIP	100	5%	1/10W
R3640	1-218-847-11	METAL CHIP	1K	0.5%	1/10W
R3641	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R3642	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3643	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3644	1-218-855-11	METAL CHIP	2.2K	0.5%	1/10W
R3645	1-216-809-11	METAL CHIP	100	5%	1/10W
R3646	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3647	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3651	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3652	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3653	1-216-809-11	METAL CHIP	100	5%	1/10W
R3654	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3655	1-216-817-11	METAL CHIP	470	5%	1/10W
R3656	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3657	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3658	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3659	1-216-809-11	METAL CHIP	100	5%	1/10W
R3671	1-216-813-11	METAL CHIP	220	5%	1/10W
R3672	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3673	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3674	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3675	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3676	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3677	1-216-813-11	METAL CHIP	220	5%	1/10W
R3678	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3679	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3680	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3681	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3682	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3683	1-216-813-11	METAL CHIP	220	5%	1/10W
R3684	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3685	1-218-841-11	METAL CHIP	560	0.5%	1/10W
R3686	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3687	1-216-839-11	METAL CHIP	33K	5%	1/10W
R3688	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3689	1-216-833-11	METAL CHIP	10K	5%	1/10W
R3690	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3701	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R3702	1-216-817-11	METAL CHIP	470	5%	1/10W (E2,MY,SP)
R3703	1-216-835-11	METAL CHIP	15K	5%	1/10W
R3704	1-216-841-11	METAL CHIP	47K	5%	1/10W
R3705	1-216-809-11	METAL CHIP	100	5%	1/10W
R3706	1-216-809-11	METAL CHIP	100	5%	1/10W
R3707	1-216-809-11	METAL CHIP	100	5%	1/10W
R3708	1-216-813-11	METAL CHIP	220	5%	1/10W
R3709	1-216-851-11	METAL CHIP	330K	5%	1/10W
R3710	1-216-815-11	METAL CHIP	330	5%	1/10W
R3711	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R3712	1-218-871-11	METAL CHIP	10K	0.5%	1/10W
R3713	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R3714	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R3715	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3716	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3717	1-216-848-11	METAL CHIP	180K	5%	1/10W
R3731	1-216-815-11	METAL CHIP	330	5%	1/10W
R3732	1-216-847-11	METAL CHIP	150K	5%	1/10W
R3733	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R3734	1-216-821-11	METAL CHIP	1K	5%	1/10W
R3735	1-216-864-11	SHORT CHIP	0		
R3736	1-216-845-11	METAL CHIP	100K	5%	1/10W
R3814	1-216-296-11	SHORT CHIP	0		

< RELAY >

RY3301	1-755-359-11	RELAY
RY3302	1-755-359-11	RELAY
RY3303	1-755-359-11	RELAY
RY3304	1-755-359-11	RELAY

< VIBRATOR >

X3701	1-781-342-21	OSCILLATOR, CRYSTAL (3.5795MHz)
X3702	1-781-134-21	VIBRATOR, CRYSTAL (4.43MHz) (E2,MY,SP)
X3703	1-577-611-11	OSCILALTOR, CERAMIC (500kHz)

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Ref. No.	Part No.	Description				Remark
	A-1169-002-A	VIDEO (AU) BOARD, COMPLETE (US,CND,E2)				
	A-1188-615-A	VIDEO (AU) BOARD, COMPLETE (MY,SP,TW)				
		**********				
		< CAPACITOR >				
C2342	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C2551	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C2552	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C2554	1-126-964-11	ELECT	10uF	20%	50V	
C2555	1-126-964-11	ELECT	10uF	20%	50V	
C2556	1-126-964-11	ELECT	10uF	20%	50V	
C2557	1-126-964-11	ELECT	10uF	20%	50V	
C2559	1-127-868-11	CERAMIC	0.0022uF	10%	50V	
C2560	1-126-964-11	ELECT	10uF	20%	50V	
C2561	1-126-964-11	ELECT	10uF	20%	50V	
C2565	1-126-947-11	ELECT	47uF	20%	35V	
C2566	1-126-947-11	ELECT	47uF	20%	35V	
CC111	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC112	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC113	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC114	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC115	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC116	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC117	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC118	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC119	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC120	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC121	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC122	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC123	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC2315	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
CC2365	1-128-809-11	CERAMIC	100PF	5%	50V	
					(MY,SP,TW)	
		< CONNECTOR >				
CNP2208	1-784-923-11	PIN, CONNECTOR 7P				
CNP2209	1-779-978-11	PIN, CONNECTOR 3P				
CNP2300	1-779-799-11	PIN, CONNECTOR 9P				
		< DIODE >				
D2300	8-719-991-33	DIODE 1SS133T-77				
		< IC >				
IC2560	6-703-518-01	IC BD3842FS-FD2				

Ref. No.	Part No.	Description				Remark
		< JACK >				
J2551	1-774-785-11	JACK, PIN 1P (PRE OUT SUB WOOFER)				
J2552	1-766-396-11	JACK, PIN 4P (DVD AUDIO IN, TV/SAT AUDIO IN)				
J2553	1-766-396-11	JACK, PIN 4P (VIDEO 2 AUDIO IN/OUT)				
J2554	1-815-058-11	JACK, PIN 6P (PRE OUT SUR, VIDEO 1 AUDIO IN/OUT)				
		< TRANSISTOR >				
Q2300	8-729-119-78	TRANSISTOR 2SC2785-HFE				
		< RESISTOR >				
R2316	1-247-831-11	CARBON	1K	5%	1/4W	
R2341	1-249-421-11	CARBON	2.2K	5%	1/4W	
R2342	1-249-401-11	CARBON	47	5%	1/4W	F
R2366	1-247-831-11	CARBON	1K	5%	1/4W	
R2550	1-247-871-11	CARBON	47K	5%	1/4W	
R2551	1-247-831-11	CARBON	1K	5%	1/4W	
R2552	1-247-831-11	CARBON	1K	5%	1/4W	
R2553	1-247-831-11	CARBON	1K	5%	1/4W	
R2554	1-247-831-11	CARBON	1K	5%	1/4W	
R2555	1-247-871-11	CARBON	47K	5%	1/4W	
R2556	1-247-871-11	CARBON	47K	5%	1/4W	
R2557	1-247-871-11	CARBON	47K	5%	1/4W	
R2558	1-247-871-11	CARBON	47K	5%	1/4W	
R2559	1-247-831-11	CARBON	1K	5%	1/4W	
R2560	1-247-831-11	CARBON	1K	5%	1/4W	
R2561	1-247-871-11	CARBON	47K	5%	1/4W	
R2562	1-247-871-11	CARBON	47K	5%	1/4W	
R2563	1-247-831-11	CARBON	1K	5%	1/4W	
R2564	1-247-831-11	CARBON	1K	5%	1/4W	
R2565	1-247-831-11	CARBON	1K	5%	1/4W	
R2566	1-247-871-11	CARBON	47K	5%	1/4W	
R2567	1-247-871-11	CARBON	47K	5%	1/4W	
R2568	1-247-831-11	CARBON	1K	5%	1/4W	
R2569	1-247-831-11	CARBON	1K	5%	1/4W	
R2570	1-247-831-11	CARBON	1K	5%	1/4W	
R2571	1-247-871-11	CARBON	47K	5%	1/4W	
R2572	1-247-871-11	CARBON	47K	5%	1/4W	
R2573	1-247-871-11	CARBON	47K	5%	1/4W	
R2574	1-247-871-11	CARBON	47K	5%	1/4W	
R2575	1-247-831-11	CARBON	1K	5%	1/4W	
R2577	1-247-831-11	CARBON	1K	5%	1/4W	
R2578	1-247-831-11	CARBON	1K	5%	1/4W	
R2579	1-247-831-11	CARBON	1K	5%	1/4W	
R2580	1-247-831-11	CARBON	1K	5%	1/4W	
R2581	1-247-871-11	CARBON	47K	5%	1/4W	
R2582	1-247-871-11	CARBON	47K	5%	1/4W	
R2583	1-247-871-11	CARBON	47K	5%	1/4W	
R2584	1-247-871-11	CARBON	47K	5%	1/4W	
		< RELAY >				
RY2300	1-755-486-11	RELAY				

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Ref. No.	Part No.	Description			Remark
	A-1177-895-A	XM BOARD, COMPLETE (US,CND)			
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	1-533-217-41	HOLDER, FUSE			
	7-685-646-79	SCREW +BVTP 3X8 TYPE2 IT-3			
		< CAPACITOR >			
C101	1-126-933-11	ELECT	100uF	20%	16V
C102	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C103	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C104	1-112-100-11	ELECT	10uF	20%	50V
C105	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C106	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C107	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C108	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C109	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C110	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C111	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C112	1-216-864-11	SHORT CHIP	0		
C113	1-126-964-11	ELECT	10uF	20%	50V
C114	1-216-864-11	SHORT CHIP	0		
C115	1-216-864-11	SHORT CHIP	0		
C116	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C117	1-216-864-11	SHORT CHIP	0		
C118	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C119	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C120	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C121	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C122	1-112-100-11	ELECT	10uF	20%	50V
C123	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C124	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C125	1-112-100-11	ELECT	10uF	20%	50V
C126	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C127	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C128	1-162-969-11	CERAMIC CHIP	0.0068uF	10%	25V
C129	1-162-963-11	CERAMIC CHIP	680PF	10%	50V
C130	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C131	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C132	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C133	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C134	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C135	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C136	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C137	1-126-964-11	ELECT	10uF	20%	50V
C138	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C139	1-126-964-11	ELECT	10uF	20%	50V
C140	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C142	1-126-964-11	ELECT	10uF	20%	50V
C143	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C144	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C145	1-126-964-11	ELECT	10uF	20%	50V
C146	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C147	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C148	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C149	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C150	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C151	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C152	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C153	1-126-933-11	ELECT	100uF	20%	16V
C154	1-128-547-11	ELECT	6800uF	20%	16V
C157	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C158	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C159	1-126-933-11	ELECT	100uF	20%	16V
C160	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V
C161	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V
C163	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C164	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C165	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C166	1-162-910-11	CERAMIC CHIP	5PF	0.25PF	50V
C167	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< CONNECTOR >			
CN101	1-568-828-11	CONNECTOR, FFC 9P			
CN102	1-784-766-11	CONNECTOR, FFC 5P			
CN103	1-779-978-11	PIN, CONNECTOR 3P			
		< DIODE >			
D101	6-500-462-01	DIODE NSAD500F-T1B			
D103	8-719-083-02	DIODE KDS160-RTK			
D104	8-719-043-53	DIODE D2SBA20F03			
		< FERRITE BEAD >			
FB101	1-469-152-11	FERRITE, EMI (SMD) (2012)			
FB104	1-469-152-11	FERRITE, EMI (SMD) (2012)			
		< IC >			
IC101	6-705-468-01	IC BA33BC0FP-E2			
IC102	6-709-251-01	IC F2602E-01-TR			
IC103	8-759-524-50	IC TC74VHC541FT(EL)			
IC104	8-759-710-97	IC NJM4565M-D			
IC105	6-707-111-01	IC PCM1753DBQR			
IC106	6-707-802-01	IC BA00CC0WT(-V5)			
IC107	6-703-547-01	IC TA7805LS			
		< CONNECTOR >			
J101	1-793-642-21	CONNECTOR (USB) (4P), SQUARE (XM)			
		< JUMPER RESISTOR >			
L101	1-216-295-11	SHORT CHIP	0		
L102	1-216-295-11	SHORT CHIP	0		
		< TRANSISTOR >			
Q101	8-729-027-23	TRANSISTOR DTA114EKA-T146			
Q104	8-729-027-43	TRANSISTOR DTC114EKA-T146			
		< RESISTOR >			
R101	1-216-833-11	METAL CHIP	10K	5%	1/10W
R102	1-216-833-11	METAL CHIP	10K	5%	1/10W
R103	1-216-833-11	METAL CHIP	10K	5%	1/10W
R104	1-216-833-11	METAL CHIP	10K	5%	1/10W
R105	1-216-809-11	METAL CHIP	100	5%	1/10W
R106	1-216-809-11	METAL CHIP	100	5%	1/10W
R107	1-216-809-11	METAL CHIP	100	5%	1/10W
R108	1-216-809-11	METAL CHIP	100	5%	1/10W
R109	1-216-841-11	METAL CHIP	47K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R112	1-216-833-11	METAL CHIP	10K	5%	1/10W
R115	1-216-833-11	METAL CHIP	10K	5%	1/10W
R116	1-216-833-11	METAL CHIP	10K	5%	1/10W
R117	1-216-809-11	METAL CHIP	100	5%	1/10W
R118	1-216-841-11	METAL CHIP	47K	5%	1/10W
R119	1-216-841-11	METAL CHIP	47K	5%	1/10W
R120	1-216-834-11	METAL CHIP	12K	5%	1/10W
R121	1-216-841-11	METAL CHIP	47K	5%	1/10W
R122	1-216-841-11	METAL CHIP	47K	5%	1/10W
R123	1-216-819-11	METAL CHIP	680	5%	1/10W
R124	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R125	1-216-813-11	METAL CHIP	220	5%	1/10W
R126	1-216-845-11	METAL CHIP	100K	5%	1/10W
R127	1-216-809-11	METAL CHIP	100	5%	1/10W
R128	1-216-845-11	METAL CHIP	100K	5%	1/10W
R129	1-216-809-11	METAL CHIP	100	5%	1/10W
R130	1-216-809-11	METAL CHIP	100	5%	1/10W
R131	1-216-809-11	METAL CHIP	100	5%	1/10W
R132	1-216-832-11	METAL CHIP	8.2K	5%	1/10W
R133	1-216-819-11	METAL CHIP	680	5%	1/10W
R134	1-216-809-11	METAL CHIP	100	5%	1/10W
R137	1-216-834-11	METAL CHIP	12K	5%	1/10W
R138	1-216-821-11	METAL CHIP	1K	5%	1/10W
R143	1-216-809-11	METAL CHIP	100	5%	1/10W
R144	1-216-821-11	METAL CHIP	1K	5%	1/10W
R145	1-216-841-11	METAL CHIP	47K	5%	1/10W
R146	1-216-841-11	METAL CHIP	47K	5%	1/10W
R147	1-216-833-11	METAL CHIP	10K	5%	1/10W
R152	1-216-809-11	METAL CHIP	100	5%	1/10W
R153	1-216-809-11	METAL CHIP	100	5%	1/10W
R154	1-216-809-11	METAL CHIP	100	5%	1/10W
R155	1-216-809-11	METAL CHIP	100	5%	1/10W
R156	1-216-811-11	METAL CHIP	150	5%	1/10W
R158	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R160	1-216-864-11	SHORT CHIP	0		
R162	1-216-819-11	METAL CHIP	680	5%	1/10W
R163	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R164	1-216-841-11	METAL CHIP	47K	5%	1/10W
R165	1-216-864-11	SHORT CHIP	0		
R166	1-216-864-11	SHORT CHIP	0		
R167	1-216-864-11	SHORT CHIP	0		
R168	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
R169	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
		< VIBRATOR >			
X101	1-760-841-11	VIBRATOR, CRYSTAL (45.158MHz)			

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Ref. No.	Part No.	Description	Remark
		MISCELLANEOUS	
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60	1-829-043-11	WIRE (FLAT TYPE) (27 CORE)	
103	1-828-937-11	WIRE (FLAT TYPE) (5 CORE) (US,CND)	
105	1-828-971-11	WIRE (FLAT TYPE) (13 CORE)	
⚠108	1-777-071-83	CORD, POWER (E2,MY,SP)	
⚠108	1-783-820-11	CORD, POWER (US,CND)	
⚠108	1-827-597-41	CORD, POWER (TW)	
151	1-829-013-11	WIRE (FLAT TYPE) (21 CORE)	
152	1-828-963-11	WIRE (FLAT TYPE) (11 CORE)	
161	1-828-958-11	WIRE (FLAT TYPE) (9 CORE) (US,CND)	
⚠F40	1-533-689-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (1A/125V)	(US,CND)
⚠F901	1-532-464-32	FUSE (T2.5AL/250V) (MY,SP)	
⚠F901	1-532-505-32	FUSE (T5AL/250V) (TW)	
⚠F901	1-533-312-12	FUSE, GLASS CYLINDRICAL (DIA. 5)	(10A/125V) (US,CND)
⚠F902	1-532-464-33	FUSE (T2.5AL/250V) (E2,MY,SP)	
⚠F902	1-533-420-12	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A/125V)	(US,CND)
⚠F904	1-532-504-33	FUSE (T4A/250V) (E2)	
Q423	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q424	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q473	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q474	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q523	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q524	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q573	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q574	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q623	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q624	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q673	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q674	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
Q723	6-702-390-01	TRANSISTOR MN2488-OPY-MK	
Q724	6-702-391-01	TRANSISTOR MP1620-OPY-MK	
⚠T901	1-443-958-11	TRANSFORMER, POWER (MAIN) (US,CND)	
⚠T901	1-443-959-11	TRANSFORMER, POWER (MAIN) (E2)	
⚠T901	1-445-060-11	TRANSFORMER, POWER (MAIN) (TW)	
⚠T901	1-445-061-11	TRANSFORMER, POWER (MAIN) (MY,SP)	
TN1	1-693-675-11	TUNER PACK (ANTENNA) (US,CND,E2)	
TN1	1-693-678-11	TUNER PACK (ANTENNA) (MY,SP,TW)	

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Ref. No.	Part No.	Description	Remark
		ACCESSORIES	
		**********	
	1-468-989-11	REMOTE COMMANDER (RM-AAP008) (including BATTERY LID)	(US,CND)
	1-468-990-11	REMOTE COMMANDER (RM-AAP009) (including BATTERY LID)	(E2,MY,SP,TW)
	1-501-374-12	ANTENNA, LOOP (AM)	
	1-501-807-12	ANTENNA (FM)	(MY,SP,TW)
	1-542-670-11	MEASUREMENT MIC (MONO) (ECM-AC2)	
⚠	1-569-008-22	ADAPTOR, CONVERSION 2P	(E2)
	1-793-184-23	CONNECTOR (F TYPE ADAPTOR) (FM)	(US,CND,E2)
	2-667-346-11	MANUAL, INSTRUCTION (ENGLISH)	(US,CND)
	2-667-346-21	MANUAL, INSTRUCTION (FRENCH)	(CND)
	2-667-346-31	MANUAL, INSTRUCTION (SPANISH)	(E2,MY,SP)
	2-667-346-51	MANUAL, INSTRUCTION (ENGLISH)	(E2,MY,SP,TW)
	2-667-346-61	MANUAL, INSTRUCTION (FRENCH)	(E2,MY,SP)
	2-667-346-71	MANUAL, INSTRUCTION (TRADITIONAL CHINESE)	(MY,SP,TW)

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the upper on the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2006. 03	New
1.1	2006. 05	Malaysia, Singapore and Taiwan model addition.